



Artstor Digital Library Accessibility Conformance Report Revised Section 508 Edition *

(Based on VPAT® Version 2.4)

Name of Product/Version: Artstor Digital Library and Artstor platform

Product Description: The Artstor Digital Library provides access to more than 2 million high-quality images to enhance scholarship and teaching, accessed via the Artstor platform (library.artstor.org).

Report Date: June 2020

Contact Information: support@artstor.org

Notes: ITHAKA is committed to providing an experience that is fully accessible to everyone. We make every effort to ensure that our services comply with web accessibility guidelines. Due to the scale and complex nature of the Artstor platform and content, this is an ongoing effort.

We evaluated the Artstor platform on the basis of, and with a focus on, its core functionality. Core functionality is defined here as viewing, organizing, browsing, searching, and downloading high-quality images in the Artstor Digital Library. The Artstor Digital Library is a licensed service that provides content contributed by museums, artists, libraries, scholars, and archives around the world. New contributions are added regularly.

The Artstor platform also displays user-contributed content that is freely accessible by anyone; no subscription or login is required. A companion service offered by Artstor, called JSTOR Forum, allows users to publish collections of content to the Artstor platform. These user-contributed collections may be added at any time and it is not possible for Artstor to know what this content will be. We cannot guarantee the accessibility of this uncontrolled content. User-contributed content may be identified as being part of a “Public Collection,” “Institutional Collection,” or “Personal Collection” on the Artstor platform.

Artstor does not fully conform to WCAG 2.1 level AA, but would fully conform if the non-conforming contributed content were removed from the analysis.

* This document covers Web Content Accessibility Guidelines 2.0, 2.1, and the revised section 508 standards.

Additional information about Artstor's accessibility is available at artstor.org/accessibility/

Evaluation Methods Used: VoiceOver screen reader, WebAIM Color Contrast Checker, WAVE tool, aXe tool, text spacing bookmarklet, keyboard, Chrome, Firefox

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

WCAG 2.1 Report

Tables 1 and 2 also document conformance with:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.1 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.1 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<p>1.1.1 Non-text Content (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none">• 501 (Web)(Software)• 504.2 (Authoring Tool)• 602.3 (Support Docs)	Partially Supports	<p>All meaningful images that are part of the Artstor interface have a text alternative. To validate support for this criterion, we evaluated the images that regularly appear throughout the site (e.g. icons, logos, and UI components) and used VoiceOver to determine whether they had appropriate text alternatives.</p> <p>The Artstor Digital Library is a purely visual resource, containing high-resolution images for education and research. Many of the images in the Artstor Digital Library depict art, architecture, and the natural sciences, and are intended to create a specific sensory experience in a way that words cannot fully capture. These images are contributed to the Artstor Digital Library by third parties, and the quality of the text alternatives will vary, depending on the contributing source. All Artstor Digital Library images have informational text alternatives (usually, a "title" and "creator") which conveys descriptive information about the image. Some images have additional descriptive text (e.g. a "description" metadata field), however, we cannot guarantee that all images in the Artstor Digital Library have been given descriptive alt text.</p>

		For user-contributed content, the alt text and any descriptive information provided by the contributing party will be available on the Artstor interface.
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>The Artstor interface itself does not have audio-only or video-only media.</p> <p>The Artstor Digital Library may contain audio-only or video-only media. The videos and audio files are contributed to the Artstor Digital library by third parties, and a transcript or text description of the time-based media would be linked or listed in the descriptive metadata next to the audio or video file, where available. Less than 0.002% of the content in the Artstor Digital library are media files.</p> <p>User-contributed content on the Artstor platforms may include audio-only or video-only media. A transcript or text description of the time-based media will be linked or listed in the descriptive metadata next to the audio or video file, if provided by the contributor.</p>
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	The Artstor interface does not have any synchronized media presentations. The Support site has videos on how to use the Artstor interface, and general how-to videos. These videos are hosted through YouTube, which provides auto-generated captions.

		<p>The Artstor Digital Library may contain synchronized media. These files are contributed to the Artstor Digital library by third parties. Captions may be provided and would be linked or listed in the descriptive metadata, where available. Less than 0.002% of the content in the Artstor Digital library are synchronized media files.</p> <p>User-contributed content on the Artstor platform may include synchronized media. Captions may be provided by contributors, and would be linked or listed in the descriptive metadata, where available.</p>
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>The Artstor interface itself does not have any synchronized media.</p> <p>The Artstor Digital Library may contain audio-only or video-only media. The videos and audio files are contributed to the Artstor Digital library by third parties, and any audio descriptions or text alternatives would be linked or listed in the descriptive metadata next to the audio or video file, where available. Less than 0.002% of the content in the Artstor Digital library are media files.</p> <p>User-contributed content on the Artstor platforms may include synchronized media. Any alternative text formats or an audio description of the time-based media will be linked or listed in the descriptive metadata next to the audio or video file, if provided by the contributor.</p>

<p><u>1.3.1 Info and Relationships</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Semantic markup is used to convey information, structure, and relationships appropriately. Screen readers were used to validate that relationships between labels and elements on the site, as well as the structure of the page, were available to assistive technology.
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The sequence of content does not affect its meaning, and is encoded in a logical and straightforward way where it does. Support for this criterion was validated through screen reader use and keyboard tabbing of the pages on Artstor to identify whether the order of the page's structured sequence created any barriers.
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Artstor does not use sensory characteristics of interactive elements as part of instructions to the user. This was verified by tabbing through the interactive elements and forms on the site, with the VoiceOver screen reader enabled. If sensory characteristics are used to convey meaning, additional information is provided in another form.
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Textual or visual indicators are also used where color conveys information, indicates an action, prompts a response, or distinguishes a visual element. This was validated by keyboard tabbing through the interactive elements of the site to observe focus indicators. We utilize the default browser focus indicator to allow keyboard users to identify their location on the page.

<p><u>1.4.2 Audio Control</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	When MP3 files are present, they do not play automatically. This was validated by navigating to the pages where the audio and video content occurs.
<p><u>2.1.1 Keyboard</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Support for keyboard accessibility of the site was validated by keyboard tabbing and arrowing through the site. All elements are accessible via keyboard.
<p><u>2.1.2 No Keyboard Trap</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	All elements can be entered and exited via the use of a keyboard. Pages are coded to allow the user to move browser focus and platform cursor from one interactive element to another, verified through testing with keyboard-only navigation of the site.
<p><u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)</p>	Supports	Character key shortcuts are used on the item page within the image viewer and are only active when the image viewer has focus.
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Users have the ability to control when content changes, including “automatic” rotators and change confirmation messages.
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	Supports	Artstor was not encoded or designed with any areas utilizing blinking or scrolling information. The audio and video files do not play automatically. No areas on the Artstor

<ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		Workspace interface utilize blinking or scrolling information.
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Some content on Artstor may have a limited amount of moving content with potentially harmful flashing in it.</p> <p>Within the third party content, it is possible that there is content that displays flashing at higher than recommended frequencies. To avoid seizure, users with photosensitivity should contact Artstor support for more information prior to viewing videos.</p>
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	<p>Artstor allows users to move through navigation links and through large groups of content, to the main content of the page, without difficulty. Where repetitive navigation is present, a “skip to main content” link allows the user to circumvent the navigation. This is also true for skipping long lists of content and long tables. Support for this was validated through tabbing through the site with keyboard only navigation.</p>
<p><u>2.4.2 Page Titled</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	<p>The titles of web pages on the Artstor interface are meaningful and clear. Support for this criteria was validated by manually checking the title of pages, modals and frames on the site.</p>
<p><u>2.4.3 Focus Order</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) 	Supports	<p>Focus follows an order that is intuitive and logical. When using keyboard only navigation, if there is a meaningful sequence to the tab order, it is preserved.</p>

<ul style="list-style-type: none"> • 504.2 (Authoring Tool) • 602.3 (Support Docs) 		
<p><u>2.4.4 Link Purpose (In Context)</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Artstor links are given labels that are meaningful and allow the user to discern their function in the context of the current page. Support for this was validated by navigating through the site while utilizing screen readers to identify if the meaning of the links could be identified without visual cues, and tabbing through the site to check the name of interactive elements against their function.
<u>2.5.1 Pointer Gestures</u> (Level A 2.1 only)	Not Applicable	No functionality requires multipoint or path-based gestures on the site. This was verified through navigating the site with only one cursor.
<u>2.5.2 Pointer Cancellation</u> (Level A 2.1 only)	Supports	When users click, tap, or press on an interactive element, they can cancel the action by moving their cursor away from the element before finishing the click, tap, or press action. This was validated by interacting with each interactive element on the site using a single pointer.
<u>2.5.3 Label in Name</u> (Level A 2.1 only)	Supports	User interface elements with text labels have an accessible name that includes the visually presented text. This was validated by navigating the website using the keyboard and screen reader, and then checking the labels and names.
<u>2.5.4 Motion Actuation</u> (Level A 2.1 only)	Not Applicable	No functionality on the Artstor platform can be operated by device or user motion.

<p><u>3.1.1 Language of Page</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Artstor's language attribute reads <html lang="en">. Manual code inspection was performed to verify the presence of the language attribute on the pages of the Artstor site.
<p><u>3.2.1 On Focus</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Artstor interface does not trigger changes when elements of the page receive focus. The level of support for this was validated by keyboard tabbing through the site to identify if any changes occurred when an interactive control received focus.
<p><u>3.2.2 On Input</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Artstor interface does not automatically cause a change of context, except when a user has performed an action meant to change the context. Testing for this was performed by tabbing through the site using a keyboard.
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Artstor platform strives to make errors clear and easily correctable by providing an indication of the error and a method for its resolution to the user. The level of support for this criterion was validated by evaluating the error messages produced through purposefully creating errors, both with and without a screen reader.
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Artstor platform strives to make action and input requirements easily understandable, by providing clear labeling on forms, buttons and other interactive elements, as well as contextual instructions on forms. Manual code inspection was used to verify the presence of labels on

		elements and forms, and testing with screen readers was used to verify that visual instructions on forms were also available to assistive technology.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Significant HTML/XHTML validation/parsing errors are avoided.
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Where appropriate, elements on Artstor are encoded with a name, role, and value that give the user an indication of their function, as well as any additional options provided by them. Support for this criterion was validated through a mix of manual code inspection and tabbing through the interactive elements of the site with a screen reader.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) 	Not Applicable	The Artstor platform does not host any live media content.

<ul style="list-style-type: none"> • 602.3 (Support Docs) 		
<p>1.2.5 Audio Description (Prerecorded) (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>The Artstor interface itself does not have any synchronized media.</p> <p>The Artstor Digital Library may contain synchronized media. These files are contributed to the Artstor Digital library by third parties, and any audio descriptions provided would be linked or listed in the descriptive metadata next to the audio or video file, where available. Less than 0.002% of the content in the Artstor Digital library are media files.</p> <p>User-contributed content on the Artstor platforms may include synchronized media. Any audio descriptions of the time-based media will be linked or listed in the descriptive metadata next to the audio or video file, if provided by the contributor.</p>
1.3.4 Orientation (Level AA 2.1 only)	Supports	Content is not restricted to a single display orientation on the Artstor platform. This was verified by testing different orientations on a mobile device.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Common user input fields are implemented so that when specific data is expected in a particular field, the field's purpose is programmatically identifiable to make completing the field easier. This was verified by reviewing inputs that request common input purposes.

<p><u>1.4.3 Contrast (Minimum)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	The Artstor interface meets contrast guidelines, verified through use of the aXe extension, and WebAIM's color contrast checker.
<p><u>1.4.4 Resize text</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>Pages are readable and functional when text size is doubled with the following exception:</p> <ul style="list-style-type: none"> • On the search results page, "Reset" and "Apply" cease to fit their boxes when at 200 percent in the side menu. CE and CE time distinctions also become less clear and more difficult to read.
<p><u>1.4.5 Images of Text</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	<p>In the Artstor interface, if the same visual presentation can be made using text alone, an image is not used in lieu of that text.</p> <p>Where there are images of text in the Artstor Digital Library content, the depiction of the text in its original format (as an image) may be essential to what is being conveyed about the item itself (e.g. 14th-century illuminated manuscript). These images of text are contributed to the Artstor Digital Library by third parties, and some of these images have a text alternative that is displayed alongside the image itself.</p> <p>For user-contributed content, if an image of text is published to the Artstor interface, a text alternative may be provided by the contributing</p>

		party and will be available on the Artstor interface.
<u>1.4.10 Reflow (Level AA 2.1 only)</u>	Supports	Content on the Artstor platform is present without any loss of information or functionality when vertically scrolling content at a width of 320px or horizontally scrolling content at a height of 256px. This was validated by testing different screen widths using Chrome's mobile device emulator.
<u>1.4.11 Non-text Contrast (Level AA 2.1 only)</u>	Supports	User interface components and graphical elements on the Artstor platform have at least a 3:1 contrast against the adjacent colours. This was confirmed using webaim's WAVE tool on each page.
<u>1.4.12 Text Spacing (Level AA 2.1 only)</u>	Supports	No loss of functionality occurs on the Artstor platform when setting the text style properties to those dictated in the guideline. This was verified using a text spacing bookmarklet and visually inspecting each page.
<u>1.4.13 Content on Hover or Focus (Level AA 2.1 only)</u>	Supports	Content that appears on hover or focus on the Artstor platform are dismissible, hoverable, and persistent by the user. This was verified by interacting with components on the site where additional content appears on hover or keyboard focus.
<u>2.4.5 Multiple Ways</u> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) 	Supports	Artstor is encoded to support breadcrumb and contextual navigation to help users orient themselves. Pages on the site were checked to verify that they had navigation that would allow the user to proceed further and that users don't land on an orphaned page.

<ul style="list-style-type: none"> 602.3 (Support Docs) – Does not apply to non-web docs 		
<p><u>2.4.6 Headings and Labels</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	Manual code inspection, screen readers, and keyboard-only navigation of the site were used to verify that headings were properly utilized to give appropriate structure to the pages on Artstor, and that labels for interactive elements and form fields were provided.
<p><u>2.4.7 Focus Visible</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Supports	It is visually apparent which page element has the current keyboard focus on Artstor. Artstor utilizes the browser provided focus indicator to allow the user to understand current page focus. This was validated by testing with keyboard only navigation on Artstor's pages and modals.
<p><u>3.1.2 Language of Parts</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Partially Supports	<p>The language of the Artstor website is written in English and expressed as such in the code, verified by manual inspection of the code.</p> <p>If there is non-English text provided by a third-party institution, it will be read as though it is English, as an English language tag is coded on the page.</p> <p>The Google Translate app is available on all pages and can translate the page from English to nearly any language. When utilized, some elements of the page are read in the translated language.</p>
<p><u>3.2.3 Consistent Navigation</u> (Level AA)</p> <p>Also applies to:</p>	Supports	Navigation links that are repeated on web pages do not change order when navigating through the

Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 		site. This was verified by checking the navigational elements provided on all the pages of Artstor.
<p><u>3.2.4 Consistent Identification</u> (Level AA)</p> Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	Interactive elements on Artstor that perform the same function are consistently identified within sets of pages on the site. This was verified by navigating through the site using keyboard and screenreader.
<p><u>3.3.3 Error Suggestion</u> (Level AA)</p> Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Supports	Errors in the Artstor interface are identified clearly and suggestions are identified for correction. This was tested by purposefully creating errors to examine the messaging provided to the user to correct the error.
<p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	Partially Supports	Although data entered by the user is checked for input errors and the user is given an opportunity to correct those errors, when a user is registering for an Artstor account there is no mechanism to reverse accidental changes or confirm changes before they are finalized and an account is created. A user can review the form on the page and there is an explicit checkbox to agree to the Terms, but there is no additional step to review and correct answers before submitting.

<u>4.1.3 Status Messages (Level AA 2.1 only)</u>	Supports	Status messages on the Artstor platform can be detected and presented to the user by assistive technologies. This was verified by reviewing status messages on the site and using VoiceOver to listen to the programmatically associated information.
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Revised Section 508 Report

Notes:

Chapter 3: [Functional Performance Criteria](#) (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	<p>Artstor uses standard HTML and WAI-ARIA attributes to describe and operate the user interface elements to assistive technologies. Images that are part of the Artstor interface have a text alternative.</p> <p>The Artstor Digital Library is a purely visual resource, containing high-resolution images for education and research. Many of the images in the Artstor Digital Library depict art, architecture, and the natural sciences, and are intended to create a specific sensory experience in a way that words cannot fully capture. These images are contributed to the Artstor Digital Library by third parties, and the quality of the text alternatives will vary, depending on the contributing source. All Artstor Digital Library images have informational text alternatives (usually, a "title" and "creator") which conveys descriptive information about the image. Some images have additional descriptive text (e.g. a "description" metadata field), however, we cannot guarantee that all images in the Artstor Digital Library have been given descriptive alt text.</p>

		<p>For user-contributed content, the alt text and any descriptive information provided by the contributing party will be available on the Artstor interface.</p>
302.2 With Limited Vision	Supports	<p>The Artstor interface does not interfere with any browser settings that adjust color contrast, content size, or zoom functionality.</p>
302.3 Without Perception of Color	Supports	<p>Users do not need to rely on their perception of color to use the Artstor interface. We utilize the default browser focus indicator to allow keyboard users to identify their location on the page.</p> <p>Perception of color may be necessary to perceive certain image content in Artstor Digital Library collections as many of the images depict art, architecture, and the natural sciences, and are intended to create a specific sensory experience in a way that words cannot fully capture.</p>
302.4 Without Hearing	Partially Supports	<p>Use of the Artstor interface does not depend on hearing.</p> <p>The Artstor Digital Library may contain media content that requires user hearing to comprehend. These files are contributed to the Artstor Digital library by third parties. Captions or transcripts may be provided and would be linked or listed in the descriptive metadata, where available. Less than 0.002% of the content in the</p>

		<p>Artstor Digital library are synchronized media files.</p> <p>User-contributed content on the Artstor platform may include content that requires user hearing to comprehend. Captions or transcripts may be provided by contributors, and would be linked or listed in the descriptive metadata, where available.</p>
302.5 With Limited Hearing	Partially Supports	<p>Use of the Artstor interface does not depend on hearing.</p> <p>The Artstor Digital Library may contain media content that requires user hearing to comprehend. These files are contributed to the Artstor Digital library by third parties. Captions or transcripts may be provided and would be linked or listed in the descriptive metadata, where available. Less than 0.002% of the content in the Artstor Digital library are synchronized media files.</p> <p>User-contributed content on the Artstor platform may include content that requires user hearing to comprehend. Captions or transcripts may be provided by contributors, and would be linked or listed in the descriptive metadata, where available.</p>
302.6 Without Speech	Not Applicable	<p>No part of the Artstor interface requires user speech.</p>

302.7 With Limited Manipulation	Supports	Artstor supports standard input mechanisms such as keyboards and pointing devices. There are no aspects of the site that require fine motor control or the operation of more than one control at the same time.
302.8 With Limited Reach and Strength	Supports	Artstor is an online interface and device agnostic. Artstor strives to ensure that all elements of the interface can be used via the use of a keyboard. There are no aspects of the site that require fine motor control or the operation of more than one control at the same time.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	<p>Artstor strives to support users with limited language, cognitive and learning abilities in a variety of ways:</p> <ul style="list-style-type: none"> • The interface does not contain fields that require timed reactions or any graphics or tools that may distract a user. • There are no complex, multi-stage processes inherent in the core functionality of the Artstor site. • Consistency is provided on the Artstor site via predictable navigation and meaningful semantic structure. • Artstor does not interfere with any assistive technology that aids individuals with limited cognitive, language and learning abilities. • Artstor access is primarily IP-based for large institutions and offers browser pairing, ensuring that signing in is kept to a minimum.

		<ul style="list-style-type: none"> • The Artstor site is written in clear, simple language with the intention of making the discovery of image content easy and predictable. • Errors on the site are clearly defined and instructions for remediation are readily provided.
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Chapter 4: [Hardware](#)

Notes: We have deleted this section as Artstor is exclusively online software.

Chapter 5: [Software](#)

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology		
502.2.1 User Control of Accessibility Features	Supports	As a web-based interface, Artstor is operating-system agnostic and is not encoded to disrupt assistive technology, allowing the user to have control over their use of assistive technology on the site. Validating with keyboard-only use, and screen reader, we were unable to find any barriers that would inhibit a user's ability to turn on and off or use platform accessibility features on the core functions of the site
502.2.2 No Disruption of Accessibility Features	Supports	As a web-based interface, Artstor is operating-system agnostic and is not encoded to

		disrupt assistive technology. Validating with keyboard only use, screen reader, and axe extension, we were unable to find any barriers that would disrupt the use of accessibility features on the core functions of the site.
502.3 Accessibility Services		
502.3.1 Object Information	Supports	Semantic markup and labeling is used to convey information, structure and relationships for controls and elements and their roles on the site, with screen readers and the axe tool being used to validate that the information about the objects on the page was available to assistive technology.
502.3.2 Modification of Object Information	Supports	The user is able to successfully use input controls on the Artstor site to perform actions and interact with elements on the site, with their roles and input types identified and their states made available to assistive technology. Testing with a screen reader and keyboard only navigation was utilized to validate that the actions could be performed and understood by assistive technology.
502.3.3 Row, Column, and Headers	Not Applicable	There are no tables on Artstor.
502.3.4 Values	Supports	<p>Object values on the site are available to assistive technology and when a range of values are present, information about the number of options and the expandability of list or dropdown is also provided.</p> <p>Additionally, the labels for form elements are associated with their form fields. This was validated through testing with screen readers and</p>

		the axe tool to confirm that values were associated with their labels and ranges of values were available to assistive technology.
502.3.5 Modification of Values	Supports	Object values on the site are available to assistive technology. The user is able to change from one selected value to another through the use of assistive technology, and is made aware of the results of the changes to values, as verified by the use of keyboard only navigation.
502.3.6 Label Relationships	Supports	Relationships between form fields and their labels, and interactive elements and their labels, are associated via the use of semantic markup. This was verified through the use of the axe tool and manual code inspection of form fields and page elements on the site.
502.3.7 Hierarchical Relationships	Supports	Hierarchical relationships (such as in navigation, tables, and forms) are made clear through the use of semantic markup, ARIA attributes, and position throughout the document. This was verified through manual code inspection and the use of a screen reader to inspect the relationships between elements and content.
502.3.8 Text	Supports	Semantic markup/html is used on the Artstor site to allow the context of text objects, attributes and the boundary of text to be programmatically determinable. The site utilizes built-in browser focus indicators and cursors to allow the user to know where the focus is on the page and links and other text-based objects on the page are available to assistive technology. This was validated through the use of keyboard only navigation to

		test for the indications of focus and location of cursor, and screen readers were used to validate that text objects were available to assistive technology.
502.3.9 Modification of Text	Supports	Testing with a screen reader and keyboard-only navigation was utilized to validate that text is editable within user inputs on the Artstor site. On the basis of this testing, those using assistive technology are able to create, interact with, and modify content. We were unable to identify barriers for this criterion.
502.3.10 List of Actions	Supports	All actions on the Artstor site are programmatically determinable. Testing with a screen reader and keyboard only navigation, we validated that options for performable actions could be identified by assistive technology.
502.3.11 Actions on Objects	Supports	Testing with a screen reader and keyboard-only navigation, we validated that actions on interactive site elements could be successfully identified and performed by assistive technology. ARIA and HTML5 elements are utilized to make actions more easily performable on the site.
502.3.12 Focus Cursor	Supports	Artstor uses the default focus indicator of whichever browser the user chooses. For example, in Chrome, the indicator is a blue outline on the element. Through testing with keyboard only navigation, we validated that element focus is always sufficiently visible to the user.
502.3.13 Modification of Focus Cursor	Supports	Testing with a screen reader and keyboard-only navigation, we validated that users are able to move through different elements of the pages on

		Artstor, utilizing ARIA and HTML5 elements to ease movement between objects when necessary.
502.3.14 Event Notification	Supports	Testing with a screen reader and keyboard-only navigation, we verified that information about changes to objects caused by user actions are available to assistive technology, and that the Artstor interface does not automatically cause a change of context when a user adjusts settings in the interface. Additionally, we verified that input errors are identified and accompanied with suggestions for correction.
502.4 Platform Accessibility Features	Not Applicable	This criterion applies only to platform and platform software such as operating systems. The Artstor interface is web-based and does not interfere with any user settings, especially those that function as or work with assistive technology.
<u>503 Applications</u>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	The Artstor interface does not provide any user accessibility preferences and permits users to utilize platform settings like color, contrast, font type, font size, and focus cursor. Additionally, the site also inherits browser preferences set by the user. This was verified by testing with user determined platform accessibility preferences on Apple and Windows machines, as well as with browser preferences on Chrome and Safari.
503.3 Alternative User Interfaces	Not Applicable	Artstor does not provide an alternative user interface for accessibility and instead works to make a single platform that is accessible and device agnostic.

503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Supports	Artstor's video player on the Artstor pages allows users to access captions at the same menu level as the controls for volume, when available.
503.4.2 Audio Description Controls	Does not support	Artstor's video player does not provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.
<u>504 Authoring Tools</u>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	Not Applicable	Artstor is not an authoring tool.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	Artstor is not an authoring tool.
504.2.2 PDF Export	Not Applicable	Artstor is not an authoring tool.
504.3 Prompts	Not Applicable	Artstor is not an authoring tool.
504.4 Templates	Not Applicable	Artstor is not an authoring tool.

Chapter 6: Support Documentation and Services

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required

<u>602 Support Documentation</u>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Supports	<p>We provide information about the accessibility of Artstor on our support site at https://www.artstor.org/accessibility/ The documentation includes information on conformance status and measures to support accessibility, technical specifications, and known limitations, as well as specific assistance we can provide.</p> <p>Keyboard shortcuts for the image viewer are provided at https://library.artstor.org/#/support</p> <p>Artstor does not include any built-in accessibility features of its own, but allows the user to make use of platform and browser accessibility features. This was verified by testing the use of these features from Apple and Microsoft operating systems as well as Chrome and Safari on the pages of the site.</p> <p>The Support has videos on how to use the Artstor Image Workspace, and general how-to videos. These are hosted through YouTube, which provides auto-generated captions.</p>
602.3 Electronic Support Documentation	See <u>WCAG 2.0</u> section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Applicable	All support documentation for the Artstor site is available online.

<u>603 Support Services</u>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	<p>The Artstor site does not require any special configuration for assistive technology and can be accessed via any modern browser. Our user support team is given an accessibility overview as part of their onboarding. This covers: what accessibility means in a web context, common barriers Artstor users might encounter, an overview of accessibility guidelines, how to best assist users requesting accessibility assistance, and an introduction to accessible design.</p> <p>Additionally, an accessibility statement and documentation on the level of Artstor’s conformance with WCAG guidelines and Section 508 criteria is provided on our support site (https://www.artstor.org/accessibility/).</p>
603.3 Accommodation of Communication Needs	Supports	<p>Support services are available to accommodate the communication needs of end-users with disabilities. Support for the Artstor site is available through a number of different methods including email, chat, and standard phone line. Some Artstor support personnel have been formally trained on answering accessibility questions. While others have not received specific training, support personnel have worked successfully with users to resolve a number of accessibility related requests. All training and instructional videos are hosted on YouTube and therefore have access to automatically generated captions.</p>

Legal Disclaimer

The information above describes the named product's ability to support the applicable Standards and Guidelines, subject to Artstor's interpretation of those standards and the remarks in this document. This document addresses the named product only, as of the report date. For more information regarding the accessibility status of this product or other Artstor products, please contact support@artstor.org.

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