VPAT Accessibility Conformance Report

(Based on ITI VPAT©)

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| **Name of Product** | **Netter Images** |
| **Date Last Updated** | **May 5, 2025** |
| Completed by | Nicholas Seow (Elsevier Digital Accessibility Team) |
| **Applicable Standards/Guidelines** | This document rates Netter Images according to the [W3C WCAG 2.1 A and AA](https://www.w3.org/TR/WCAG21/) requirements. |
| **Contact for More Information** | Elsevier Digital Accessibility Team [accessibility@elsevier.com](mailto:accessibility@elsevier.com?subject=Accessibility%20and%20Shadow%20Health) |
| **Testing Tools and Methods** | * **Hands-on keyboard operation** * **DevTools/Code inspection** * **Mozilla Firefox 138 and Chrome 135 on Windows 11 23H2** * **NVDA screen reader 2024.4** * **WAVE Browser Extension** * **Color Contrast Analyzer** * [W3C Web Accessibility Initiative (WAI) Pages](https://www.w3.org/WAI/) * [Elsevier Accessibility Checklist](http://romeo.elsevier.com/accessibility_checklist/) |
| **Document Sections** | This review document includes all WCAG 2.1 A and AA checkpoints, organized into 7 logical sections:   * Visuals * Keyboard * Headings and Structure * Labeling * Multimedia * Usability * Mobile User Experience |
| **Pages Covered** | * Landing page, About Us, Contact Us, Help, Books, Book page, Book Chapter page, Artist page, Image page, Collection, Search, Advanced Search * Sign In, Register, Account Enabled, My Account (Activity Details, Update Account), Checkout, Order Confirmation |
| **Terms** | * **Supports: The functionality of the product has at least one method that meets the criteria without known defects or meets with equivalent facilitation.** * **Partially supports: Some functionality of the product does not meet the criteria.** * **Does not support: Majority of functionality of the product does not meet the criteria.** * **Supports (N/A): According to W3C on conformance, "If there is no content to which a success criterion applies, the success criterion is satisfied."** |
| **Notes/Terminology** | * **“AT” stands for Assistive Technology such as screen readers, voice input, etc.** |

## Conformance Summary

| **WCAG 2.1 Success Criterion** | **Level** | **Evaluation** |
| --- | --- | --- |
| 1.1.1: Non-text Content | A | Partially supports |
| 1.2.1: Audio-only and Video-only (Prerecorded) | A | Supports (N/A) |
| 1.2.2: Captions (Prerecorded) | A | Supports (N/A) |
| 1.2.3: Audio Description or Full Text Alternative | A | Supports (N/A) |
| 1.2.4: Captions (Live) | AA | Supports (N/A) |
| 1.2.5: Audio Description | AA | Supports (N/A) |
| 1.3.1: Info and Relationships | A | Partially supports |
| 1.3.2: Meaningful Sequence | A | Supports |
| 1.3.3: Sensory Characteristics | A | Supports |
| 1.3.4: Orientation (2.1) | AA | Supports |
| 1.3.5: Identify Input Purpose (2.1) | AA | Partially supports |
| 1.4.1: Use of Color | A | Partially supports |
| 1.4.2: Audio Control | A | Supports (N/A) |
| 1.4.3: Contrast (Minimum) | AA | Partially supports |
| 1.4.4: Resize text | AA | Supports |
| 1.4.5: Images of Text | AA | Partially supports |
| 1.4.10: Reflow (2.1) | AA | Partially supports |
| 1.4.11: Non-Text Contrast (2.1) | AA | Supports |
| 1.4.12: Text Spacing (2.1) | AA | Supports |
| 1.4.13: Content on Hover or Focus (2.1) | AA | Partially supports |
| 2.1.1: Keyboard | A | Supports |
| 2.1.2: No Keyboard Trap | A | Supports |
| 2.1.4: Character Key Shortcuts (2.1) | A | Supports |
| 2.2.1: Timing Adjustable | A | Supports |
| 2.2.2: Pause, Stop, Hide | A | Partially supports |
| 2.3.1: Three Flashes or Below Threshold | A | Supports (N/A) |
| 2.4.1: Bypass Blocks | A | Partially supports |
| 2.4.2: Page Titled | A | Partially supports |
| 2.4.3: Focus Order | A | Partially supports |
| 2.4.4: Link Purpose (In Context) | A | Partially supports |
| 2.4.5: Multiple Ways | AA | Supports |
| 2.4.6: Headings and Labels | AA | Supports |
| 2.4.7: Focus Visible | AA | Partially supports |
| 2.5.1: Pointer Gestures (2.1) | A | Supports |
| 2.5.2: Pointer Cancellation (2.1) | A | Supports |
| 2.5.3: Label in Name (2.1) | A | Partially supports |
| 2.5.4: Motion Actuation (2.1) | A | Supports |
| 3.1.1: Language of Page | A | Supports |
| 3.1.2: Language of Parts | AA | Supports (N/A) |
| 3.2.1: On Focus | A | Supports |
| 3.2.2: On Input | A | Supports |
| 3.2.3: Consistent Navigation | AA | Supports |
| 3.2.4: Consistent Identification | AA | Supports |
| 3.3.1: Error Identification | A | Partially supports |
| 3.3.2: Labels or Instructions | A | Partially supports |
| 3.3.3: Error Suggestion | AA | Supports |
| 3.3.4: Error Prevention (Legal, Financial, Data) | AA | Supports |
| 4.1.1: Parsing | A | Supports |
| 4.1.2: Name, Role, Value | A | Partially supports |
| 4.1.3: Status Messages (2.1) | AA | Partially supports |

## WCAG 2.1 A and AA Success Criteria

### Visuals

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.1.1: Non-Text Content](https://www.w3.org/TR/WCAG21/#non-text-content) (A) Provide text alternatives for non-text content (e.g. images) | Partially supports | Most images and icons across the site have appropriate text equivalents. At minimum, basic descriptions are provided for key image content (illustration previews).  **Exceptions:**   * Book Chapter page, Image page: Main illustration preview – Image typically features minimally descriptive alt text, but may not adequately provide descriptive identification (e.g. presence of watermark, or purpose of the image as preview) * Collection, Search: Item links – Linked icons for "Add to Cart" and "Add to Lightbox" lack text alternatives (alt attributes are erroneously applied to image elements) * Lightboxes: "Default lightbox" ribbon – Image (of text) lacks a text alternative * Advanced Search, Search, Collection: "Body Regions", "Sense Organs" images – Decorative images have brief alt text (rather than null value alt="") |
| [1.3.3: Sensory Characteristics](https://www.w3.org/TR/WCAG21/#sensory-characteristics) (A) Do not rely on sensory characteristics of components such as shape, size, visual location, orientation, or sound | Supports | There are no instructions or areas of content which rely solely on sensory characteristics. |
| [1.4.1: Use of Color](https://www.w3.org/TR/WCAG21/#use-of-color) (A) Color is not used as the only visual means of conveying info | Partially supports | In most instances, when color is used as a means of conveying information, another visual method is also used to convey the information without color.  **Exceptions:**   * Order Confirmation: "click here" link – In-line link lacks visual indication beyond color difference, e.g. underline style * Cart, Order Confirmation, Activity Details: "JPG" tooltip trigger – Component is only distinguished from in-line text via a difference in color |
| [1.4.3: Color Contrast (Minimum)](https://www.w3.org/TR/WCAG21/#contrast-minimum) (AA) Text has enough contrast with the background (4.5:1 for small text and 3:1 for large text) | Partially supports | Text has sufficient contrast with its corresponding background in most areas, although exceptions are found among certain link and component labels and sections of text.  **Exceptions:**   * All pages: Navigation, "Advanced Search" links – Link text (orange) may lack sufficient contrast against the background (white or light grey) during focus or hover states * Book page, Advanced Search: Link text – Link text in hover states (orange) may lack sufficient contrast against the background (white, light grey) * Account Enabled: Success message – Message text (green/orange) lacks sufficient contrast against the container background (light green) * Activity Details: "Transaction Status" text – Status text (e.g. orange) lacks sufficient contrast against the background (white) * Search: "Labeled"/"Unlabeled" filter – Unselected component (white) lacks sufficient contrast against its background (grey) * Image page: "Pricing" section components – Component text e.g. "Add to lightbox" (grey) may lack sufficient contrast against their backgrounds (light grey) |
| [1.4.4: Resize Text](https://www.w3.org/TR/WCAG21/#resize-text) (AA)  Text can be enlarged up to 200% without loss of functionality. | Supports | Text may typically be enlarged to 200% while preserving functionality of content in almost all instances. Link text (item titles) may in Books, Collection, and Search be significantly truncated upon text-only scaling to 200% as their containers do not resize – although the full title of the item is typically presented at the link destination. |
| [1.4.5: Images of Text](https://www.w3.org/TR/WCAG21/#images-of-text) (AA) Text is used rather than images of text, except where the presentation of text is essential, such as logos | Partially supports | No images of text are used other than for logos or essential presentation in almost all areas. Note: illustration preview images, meant to represent purchasable illustrated slides/diagrams, may combine text with visual content.  **Exceptions:**   * Landing Page: Main banner image – Banner containing headline and tagline is implemented as an image of text that is treated as decoration, i.e. lacks an appropriate alt text value * Lightboxes: "Default lightbox" ribbon – Indication of user's default lightbox is conveyed via an image of text (that lacks a text alternative) |
| [1.4.10: Reflow](https://www.w3.org/TR/WCAG21/#reflow) (AA) Content can be presented without loss of information or functionality, and without requiring scrolling in two dimensions for:  Vertical scrolling content at a width equivalent to 320 CSS pixels;  Horizontal scrolling content at a height equivalent to 256 CSS pixels. | Partially supports | Pages typically utilize a responsive view where content reflows into a single column, although navigation menus may disappear. For most main page content, 400% zoom does not necessitate horizontal scrolling nor loss of functionality. Note: Data tables (found on e.g. Cart page) may require horizontal scrolling at high zoom levels.  **Exceptions:**   * Image page: "Save to Lightbox" popover – Popover does not reflow along with other page content at high zoom states, and container may be positioned such that content may be significantly obscured/out of viewport bounds * All pages: Navigation menus: Main (header) and secondary (View Cart/Lightboxes/My Account) navigation may be absent at high zoom states or smaller viewports |
| [1.4.11: Non-Text Contrast](https://www.w3.org/TR/WCAG21/#non-text-contrast) (AA)  User interact components and graphical objects have a contrast ratio of at least 3:1 against adjacent color(s). | Supports | Non-text UI components and graphical objects typically have at least a 3:1 contrast ratio against surrounding colors. |
| [1.4.12: Text Spacing](https://www.w3.org/TR/WCAG21/#text-spacing) (AA)  In content implemented using markup languages that support the following text style properties, no loss of content or functionality occurs by setting all the following and by changing no other style property:  Line height (line spacing) to at least 1.5 times the font size;  Spacing following paragraphs to at least 2 times the font size;  Letter spacing (tracking) to at least 0.12 times the font size;  Word spacing to at least 0.16 times the font size. | Supports | Users may adjust the text spacing of content on pages to the minimum baseline properties without causing loss of content or functionality. |
| [1.4.13: Content on Hover or Focus](https://www.w3.org/TR/WCAG21/#content-on-hover-or-focus) (AA)  Where receiving and then removing pointer hover or keyboard focus triggers additional content to become visible and then hidden, the following are true:   * Dismissable * Hoverable * Persistent | Partially supports | Content that appears on hover or focus is very uncommonly encountered.  **Exceptions:**   * Cart, Order Confirmation, Activity Details: "JPG" tooltip – Tooltip activated via pointer hover is neither dismissable nor hoverable |
| [2.3.1: Three Flashes or Below Threshold](https://www.w3.org/TR/WCAG21/#three-flashes-or-below-threshold) (A) No more than three flashes in a 1-second period, or the flashes are below the defined thresholds | Supports (N/A) | No flashing content exists. |

### Keyboard

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.2: Meaningful Sequence](https://www.w3.org/TR/WCAG21/#meaningfuusequence) (A)  The correct reading sequence can be programmatically determined | Supports | The correct reading sequence is typically logical and programmatically determinable, with the DOM order according with the visual order. |
| [2.1.1: Keyboard](https://www.w3.org/TR/WCAG21/#keyboard) (A)  All functionality is available from a keyboard, except for tasks such as drawing | Supports | Standard web page content and functionality is keyboard operable across pages. The "JPG"/"TIF" tooltip in Cart, Order Confirmation, or Activity Details cannot be activated via keyboard operation – although its additional content may essentially be found at the link destination. |
| [2.1.2: No Keyboard Trap](https://www.w3.org/TR/WCAG21/#no-keyboard-trap) (A)  The user can use the keyboard to move through page elements and is not trapped on a particular element | Supports | No pages have a keyboard trap. |
| [2.1.4: Character Key Shortcuts](https://www.w3.org/TR/WCAG21/#character-key-shortcuts) (A)  If a keyboard shortcut is implemented in content using only letter (including upper- and lower-case letters), punctuation, number, or symbol characters, then at least one of the following is true:   * Turn off * Remap * Active only on focus | Supports | The site does not use any character key shortcuts. |
| [2.4.3: Focus Order](https://www.w3.org/TR/WCAG21/#focus-order) (A)  Users can tab through the elements of a page in a logical order | Partially supports | Tab order is largely logical across the site and preserves the meaning and operability of content in most instances.  **Exceptions:**   * Collection, Search, Book Chapter page: "Add to Cart" modal – Container lacks proper focus management for a modal: focus may not be immediately placed within the dialog when it is activated, nor trapped inside the activated container * Cart: "Delete…" modal – Container lacks proper focus management for a modal: focus may not be immediately placed within the dialog when it is activated, nor trapped inside the activated container |
| [2.4.7: Focus Visible](https://www.w3.org/TR/WCAG21/#focus-visible) (AA)  The page element with the current keyboard focus has a visible focus indicator | Partially supports | Most elements across the site have a decent visible indication of focus.  **Exceptions:**   * Book page: Chapter links, expand controls, carousel buttons – Links and components may lack visible indications of keyboard focus in Firefox * Books, Collection, Search, Lightboxes: Item links – Linked images, icons, and text may lack visible indications of keyboard focus in Firefox * Advanced Search: Links – Links, e.g. “Visit Artist Page”, lack visible indications of keyboard focus |
| [3.2.1: On Focus](https://www.w3.org/TR/WCAG21/#on-focus) (A)  When a UI component receives focus, this does not trigger unexpected actions. | Supports | Focusable elements do not cause unexpected actions/changes of context when receiving focus. |

### Headings and Structure

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.1: Information and Relationships](https://www.w3.org/TR/WCAG21/#info-and-relationships) (A)  Info, structure, and relationships can be programmatically determined | Partially supports | Most content is distinguishable via semantic structure and relationships. HTML sectioning elements are employed, although the <main> landmark encapsulates <header>. A logical heading order reflecting page organization and content is programmatically determinable on many pages (with occasional minor deficiencies including skipped heading levels). List markup is used appropriately in many instances; table markup is likewise utilized on e.g. Cart pages. However, several input elements lack programmatically determinable labels.  **Exceptions:**   * All pages: Page structure – <header> landmark is subsumed under <main> * Book Chapter page: "Chapter" & "Jump to page" fields – Fields are not programmatically associated with their adjacent visible text labels * Image page: "Pricing" fields – Text input field lacks a programmatically determinable label * Books: "Search Books…" field – Input lacks a programmatically determinable label (field placeholder text does not suffice) * Collection, Search: Headings – In tab panels, logical headings for each visually distinguished section of content (e.g. "#5592 Skull and Neck") lack heading markup. * Image page: "New Lightbox" field in "Save to Lightbox" popover – Input lacks a programmatically determinable label (field placeholder text does not suffice) * Image page: "Images on Similar Topics" checkbox inputs – Checkbox inputs are not grouped (e.g. contained within a fieldset or an element with group role). * Lightboxes: Fields in "Sharing modal" – Input lack programmatically determinable labels (field placeholder text does not suffice) * Advanced Search: Multi-select fields – Individual inputs bear programmatically determinable labels, but are implemented as grouped controls * Cart: "Please describe how…" field – Input lacks a descriptive programmatically determinable label (field placeholder text does not suffice) * Cart: Table – While table features a top row of column header cells, cells (containing image items) in its first column are not designated as row headers, and the bottom table cell is utilized for layout to position the "Continue Shopping" & "Clear Shopping Cart" buttons. |
| [2.4.1: Bypass Blocks](https://www.w3.org/TR/WCAG21/#bypass-blocks) (A)  Users can bypass repeated blocks of content. | Partially supports | On most pages, a main heading and logical heading order allows AT users to conveniently jump to different areas of content. HTML sectioning elements are employed, although the <main> landmark encapsulates <header>.  **Exceptions:**   * All pages: Pages feature skip links to main – however the <main> landmark encapsulates <header> so the repeated block of content is not skipped |
| [2.4.6: Headings and Labels](https://www.w3.org/TR/WCAG21/#headings-and-labels) (AA)  Headings and labels are clear and consistent. | Supports | Headings and labels used are typically clear and descriptive. For example, most pages feature visually distinct (and often programmatically determinable main) and secondary headings to help distinguish content. |
| [3.1.1: Language of Page](https://www.w3.org/TR/WCAG21/#language-of-page) (A)  The language of the page is specified | Supports | The default page language is typically and appropriately defined as lang="en". |
| [3.1.2: Language of Parts](https://www.w3.org/TR/WCAG21/#language-of-parts) (AA)  Specify the language of text passages that are in a different language than the default language of the page. | Supports (N/A) | There are no sections of text that do not match the default language of the page. |
| [4.1.1: Parsing](https://www.w3.org/TR/WCAG21/#parsing) (A)  Use valid, error-free HTML | Supports | All pages use and error-free HTML; HTML and CSS typically pass concerning these 4 specific criteria:   1. elements have complete start and end tags, 2. elements are nested according to their specifications 3. elements do not contain duplicate attributes 4. any IDs are unique, except where the specifications allow these features.   Note: There may be other general HTML validation errors outside the scope of this criterion. |

### Labeling

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.5: Identify Input Purpose](https://www.w3.org/TR/WCAG21/#identify-input-purpose) (AA)  The purpose of each input field collecting information about the user can be programmatically determined when:  The input field serves a purpose identified in the Input Purposes for User Interface Components section; and the content is implemented using technologies with support for identifying the expected meaning for form input data. | Partially supports | The only pages featuring applicable form elements that collect such information about the user are Sign In, Register, Checkout, and Update Account. Appropriate autocomplete attributes are present on some applicable input fields to facilitate auto-fill.  **Exceptions:**   * Register, Update Account: Personal input fields – Several relevant personal input fields may bear autocomplete attributes that do not match the standard tokens for common input purposes * Checkout: Personal input fields – Relevant personal input fields lack autocomplete attributes, but are typically auto-populated from user information |
| [2.4.2: Page Titled](https://www.w3.org/TR/WCAG21/#page-titled) (A)  The page has a title describing its topic or purpose | Partially supports | Most pages bear meaningful page titles that identify their content/purpose (although some may be only minimally descriptive).  **Exceptions:**   * Collection: Page title – A generic "Welcome to Netter Images" is defined as the page title for Mini Collection pages |
| [2.4.4: Link Purpose (In Context)](https://www.w3.org/TR/WCAG21/#link-purpose-in-context) (A)  The purpose of each link can be determined from the link text or surrounding context. | Partially supports | An identifiable purpose may be deduced for most links from the link text or surrounding context.  **Exceptions:**   * Landing page: "Browse Netter Images By Region" links – Hyperlinks to the same destination may be split over several link elements – e.g. an image link, two text links with differing labels, and an icon link lacking a text alternative * Books, Collection, Search: Item links – Sets of related links for individual items are organized visually within a logical grid, but may lack programmatically determinable link context due to less well-defined markup. Adjacent image and text links for each item are not combined; linked icons for e.g. "Add to Cart"/"Purchase Book" and "Add to Lightbox"/"Create book Lightbox" follow each item link(s) but are not otherwise disambiguated via more precise names or descriptions. "Purchase Book" does not indicate that its destination will open in a new window. |
| [2.5.3: Label in Name](https://www.w3.org/TR/WCAG21/#label-in-name) (A)  For user interface components with labels that include text or images of text, the name contains the text that is presented visually. | Partially supports | Almost all user interface components that have visible text contain that text consistently within the accessible name.  **Exceptions:**   * All pages: "Cookie Policy" link in cookie banner – Visible link text is overridden as the accessible name by a different aria-label attribute value * Collection: "Email this page"/”Link this page” links – Accessible names of links differ slightly from the visible link label text due to aria-label attributes |
| [3.2.4: Consistent Identification](https://www.w3.org/TR/WCAG21/#consistent-identification) (AA)  UI components used across the web site are identified consistently on every page. | Supports | Components are typically consistent across the site, and are identified consistently where they perform the same function across pages. |
| [3.3.1: Error Identification](https://www.w3.org/TR/WCAG21/#error-identification) (A)  Input errors are clearly marked and described to the user. | Partially supports | In many instances, errors are identified and presented visually. For many inputs, errors are typically validated upon form submission. Brief error messages are typically presented in text toward the beginning of the page after form submission – and visually distinguished via different text and background colors (red). Error states may not be programmatically communicated to AT, although focus management is utilized to direct users to the first invalid field.  **Exceptions:**   * Register, Update Account: Error message – Brief error message displayed at the beginning of the form only pertains to the first field in sequence with invalid input |
| [3.3.2: Labels or Instructions](https://www.w3.org/TR/WCAG21/#labels-or-instructions) (A)  Items requiring user input are clearly labeled or have clear instructions. | Partially supports | Labels or instructions are provided for most form elements, some of which are programmatically associated with their inputs. Note: see SC 1.3.1 for exceptions where visible labels may not be programmatically associated with inputs.  **Exceptions:**   * Sign In, Register, Update Account: Required fields – Asterisks '\*' are included within input labels to indicate required fields, however a statement explaining so may not exist or is only presented at the end of the form * Cart: "Please describe how…" field – Field requirement is indicated via asterisk '\*' adjacent to field, however an explanatory message is only displayed further down the page (or via an error status message) |
| [3.3.3: Error Suggestion](https://www.w3.org/TR/WCAG21/#error-suggestion) (AA)  When the user makes an input error, give suggestions for valid input. | Supports | Error messages provide helpful suggested corrections in several instances (e.g. that password entry over two fields should match) – albeit only for the first field in sequence with invalid input. |
| [4.1.2: Name, Role, Value](https://www.w3.org/TR/WCAG21/#name-role-value) (A)  For all UI components, the name, value, and role can be programmatically determined. | Partially supports | Many UI components communicate their state programmatically, and most have accessible names that are appropriately defined. Several ARIA attributes and roles are not present where appropriate.  **Exceptions:**   * Book page: "Related Titles" carousel buttons – Previous/next buttons lack accessible names (icons lack text alternatives) * Book page: Chapter expand controls – Components, implemented as links, lack accessible names (icons lack appropriate text alternatives) and do not communicate expand/collapse states * Many pages: Close 'x' button in modals – Component is erroneously removed from the accessibility tree via aria-hidden="true" attribute, and lacks an appropriate accessible name (text label "x") * Collection: "View description" expandable – Component is implemented as a link and does not communicate expand/collapse states, although its label changes dynamically. Adjacent caret icon component is implemented as a separate element that lacks an accessible name. * Collection, Search: Tablist – The list of links to select/activate tabbed content does not communicate state (e.g. selected tab) to AT, and tabbed content does lacks appropriate roles, states, and properties to operate well overall as a manually activated tablist. (The selection of tabs is less functional for use with keyboard/AT, with focus being retained in the link list after activation.) * Image page: "Add to Lightbox" link – Component is implemented as a link (rather than a button) and does not communicate state * Lightboxes: Icon buttons – Components, implemented as links, lack accessible names (although bear title attributes)   Sign In: "Forgot your password?" link – Expandable/collapsible button does not communicate state |
| [4.1.3: Status Messages](https://www.w3.org/TR/WCAG21/#status-messages) (AA)  In content implemented using markup languages, status messages can be programmatically determined through role or properties such that they can be presented to the user by assistive technologies without receiving focus. | Partially supports | Status messages are presented to indicate various errors or the results of user actions (e.g. adding items to cart), but are uncommonly encountered. Several such status messages are not announced by assistive technology.  **Exceptions:**   * Book page, Book Chapter page: "Create lightbox..." success/error message – Brief message is presented dynamically upon component activation, but is not announced to AT. * Book Chapter page, Image page: Add to Cart – Tally of items in cart is dynamically updated, but is not announced to AT; message indication that item has already been added to cart is not announced to AT * Books, Search: Search result tally – Tally of search results is dynamically updated without changes of context, but is not announced to AT * Image page: "Save to Lightbox" success message – Brief success message is presented dynamically upon input, but is not announced to AT. * Lightboxes: "Loading results" status, success messages – Brief loading states and success messages upon various interactions are not announced to AT * Cart: "Please describe how" messages – Error messages are not announced to AT |

### Multimedia

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.2.1: Audio-only or Video-only (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-only-and-video-only-prerecorded) (A)  Provide alternatives for pre-recorded audio-only or video-only content. | Supports (N/A) | There is no pre-recorded audio-only or video-only content. |
| [1.2.2: Captions (Prerecorded)](https://www.w3.org/TR/WCAG21/#captions-prerecorded) (A)  Provide captions for pre-recorded audio | Supports (N/A) | There is no pre-recorded audio content. |
| [1.2.3: Audio Description or Media Alternative (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-or-media-alternative-prerecorded) (A)  Provide alternatives for pre-recorded synchronized audio/video | Supports (N/A) | There is no pre-recorded synchronized audio/video content. |
| [1.2.4: Captions (Live)](https://www.w3.org/TR/WCAG21/#captions-live) (AA)  Provide captions for live audio in synchronized audio/video. | Supports (N/A) | There is no synchronized audio/video content nor live audio. |
| [1.2.5: Audio Description (Prerecorded)](https://www.w3.org/TR/WCAG21/#audio-description-prerecorded) (AA)  Provide an audio description of pre-recorded video. | Supports (N/A) | There is no pre-recorded video content. |
| [1.4.2: Audio Control](https://www.w3.org/TR/WCAG21/#audio-control) (A)  Audio can be paused and stopped, or the audio volume can be changed. | Supports (N/A) | No pages feature audio that plays automatically. |
| [2.2.2: Pause, Stop, Hide](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (A)  Users can stop, pause, or hide moving, blinking, scrolling, or auto-updating information. | Partially supports | Most pages do not feature any moving, scrolling, or auto-updating information.  **Exceptions:**   * Book page: "Related Titles" carousel – The carousel of related book titles automatically scrolls and lacks controls to stop, pause, or hide |

### Usability

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [2.2.1: Timing Adjustable](https://www.w3.org/TR/WCAG21/#pause-stop-hide) (A)  Users are warned of time limits shorter than 20 hours and time limits can be turned off or extended | Supports | Pages are not subject to session time limits – or the time limit is longer than 20 hours. |
| [2.4.5: Multiple Ways](https://www.w3.org/TR/WCAG21/#multiple-ways) (AA)  More than one way is available to navigate to other web pages. | Supports | All pages (except steps/results of a process) may typically be located and accessed in multiple ways. For example, global navigation is consistently available across pages, and secondary navigation is often present in the form of breadcrumb trails representing page hierarchy. Users can find specific Image pages via Search functionality, topical index pages (Collection/Books), and Book Chapter lists/previews. |
| [3.2.2: On Input](https://www.w3.org/TR/WCAG21/#on-input) (A)  Changing the setting of a checkbox, radio button, or other UI component does not trigger unexpected changes in context. | Supports | User input, such as changing the values of form elements, does not initiate unexpected actions or changes in context. |
| [3.2.3: Consistent Navigation](https://www.w3.org/TR/WCAG21/#consistent-navigation) (AA)  Navigation menus are in the same location and order on every web page. | Supports | Navigation menus are typically consistent across pages. For example, global navigation links in the header and footer are consistent across pages, occurring in the same order; secondary navigation (e.g. breadcrumbs) is consistently positioned across appropriate sets of pages. |
| [3.3.4: Error Prevention (Legal, Financial, Data)](https://www.w3.org/TR/WCAG21/#error-prevention-legaufinanciaudata) (AA)  For web pages with legal or financial commitments, input can be reviewed and corrected before final submission, and submissions can be reverted. | Supports | Users may review and modify Cart contents before proceeding to Checkout. The Checkout & Order Confirmation process additionally permits the user to review the intended purchase (including item quantities and pricing) at multiple points before final confirmation. User account information necessary for completing orders (e.g. contact details and addresses) may be modified during Checkout or at any point via Update Account. |

### Mobile User Experience

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| **WCAG 2.1**  **Checkpoint** | **Conformance Level** | **Remarks** |
| [1.3.4: Orientation](https://www.w3.org/TR/WCAG21/#orientation)) (AA)  Content does not restrict its view and operation to a single display orientation, such as portrait or landscape, unless a specific display orientation is essential. | Supports | Pages do not restrict view and operation of content to a single orientation. |
| [2.5.1: Pointer Gestures](https://www.w3.org/TR/WCAG21/#pointer-gestures) (A)  All functionality that uses multipoint or path-based gestures for operation can be operated with a single pointer without a path-based gesture, unless a multipoint or path-based gesture is essential. | Supports (N/A) | Pages do not utilize or require multipoint or path-based gestures for any functionality. |
| [2.5.2: Pointer Cancellation](https://www.w3.org/TR/WCAG21/#pointer-cancellation) (A)  For functionality that can be operated using a single pointer, at least one of the following is true:   * No Down-Event * Abort or Undo * Up Reversal * Essential | Supports | All interactive content functions through the Up-Event, allowing users to potentially move their pointer off the component to cancel. |
| [2.5.4: Motion Actuation](https://www.w3.org/TR/WCAG21/#motion-actuation) (A)  Functionality that can be operated by device motion or user motion can also be operated by user interface components and responding to the motion can be disabled to prevent accidental actuation, except when:   * Supported Interface * Essential | Supports (N/A) | There is no content that utilizes device or user motion. |