



Pressbooks Authoring Platform

Accessibility Conformance Report WCAG Edition

(Based on VPAT[®] Version 2.4)

Name of Product/Version: Pressbooks 6.7.0

Report Date: February 2023

Product Description: Pressbooks is a free and open source book content management system that allows users to publish books to the public web and produce exports in multiple formats, including EPUB and PDF. Pressbooks is built on top of WordPress Multisite but makes significant changes to the admin interface, web presentation layer and export routines of a standard WordPress installation. Pressbooks is typically installed with a suite of complementary plugins and themes which extend the tool's default publishing capabilities.

Contact Information: accessibility@pressbooks.com

Evaluation Methods Used: Testing was conducted by the Inclusive Design Research Centre at OCAD University and Pressbooks staff. Testing was done on the following browsers: Firefox 105, Safari 16, and Chrome 109. Tools used for testing include: NVDA 2022.4 screen reader, VoiceOver screen reader, WebAIM Wave Toolbar, Nu HTML checker, ARC Toolkit, TPG Color Contrast Analyzer.

Remarks and Explanations: See our organization's accessibility commitments and find the latest versions of our VPATs at <https://pressbooks.com/accessibility/>. If you encounter any accessibility issues with our software that are not described in our VPATs, please report them in the relevant [GitHub repository](#) or via the contact info provided above.

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 / No) Level AA (Yes / No) Level AAA (Yes / No)
Web Content Accessibility Guidelines 2.1	Level A (Yes / No) Level AA (Yes / No) Level AAA (Yes / No)

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

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	All non-text content that is presented to the user has a text alternative that serves the equivalent purpose. The authoring environment supports the addition of alternative text descriptions to images.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	No audio-only or video only content observed.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	No audio-only or video only content observed.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	No audio-visual content observed.
1.3.1 Info and Relationships (Level A)	Supports	All inputs programmatically communicate the relevant visual information.
1.3.2 Meaningful Sequence (Level A)	Supports	Reading order is logical and customizable by the user.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions do not rely on sensory characteristics.

<u>1.4.1 Use of Color</u> (Level A)	Supports	An optional a11y color scheme provides a secondary indicator for all links in the admin interface in the form of an underline.
<u>1.4.2 Audio Control</u> (Level A)	Not Applicable	No automatically playing audio observed on the site.
<u>2.1.1 Keyboard</u> (Level A)	Supports	All Pressbooks administration menus can be fully navigated by keyboard.
<u>2.1.2 No Keyboard Trap</u> (Level A)	Inconclusive	A keyboard trap for Windows/Linux users was observed on the Custom Styles page. Users can move into the Theme Web Styles input box using the TAB key. On a Mac `Option+TAB` can be used to move out of the Theme Web Styles or return to other page controls, but no PC equivalent has been discovered. This issue appears to come from WordPress' implementation of the CodeMirror editor and is being further investigated.
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)	Not Applicable	Site does not include single character shortcuts, all keyboard shortcuts use modifier keys.
<u>2.2.1 Timing Adjustable</u> (Level A)	Supports	Users are not logged out in under 20 hours.
<u>2.2.2 Pause, Stop, Hide</u> (Level A)	Not Applicable	No moving, blinking or auto-scrolling content observed.
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Supports	No flashing content observed.

2.4.1 Bypass Blocks (Level A)	Supports	A skip to content link is available as the first focusable link. A skip to toolbar option is also available.
2.4.2 Page Titled (Level A)	Supports	Pages have unique & meaningful programmatic titles.
2.4.3 Focus Order (Level A)	Supports	The focus order of elements is logical.
2.4.4 Link Purpose (In Context) (Level A)	Supports	The purpose of each link can be determined from the link text alone or the link text and its programmatically determined context.
2.5.1 Pointer Gestures (Level A 2.1 only)	Not Applicable	No functionality that uses multipoint or path-based gestures was observed.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	No click-based functionality is triggered by mouse down-events.
2.5.3 Label in Name (Level A 2.1 only)	Supports	For all user interface components with labels that include text or images of text, the name contains the text that is presented visually.
2.5.4 Motion Actuation (Level A 2.1 only)	Not Applicable	No events triggered by motion actuation on the site.
3.1.1 Language of Page (Level A)	Supports	No content in languages other than the main page language observed.
3.2.1 On Focus (Level A)	Supports	No unexpected changes were observed when elements receive focus.

3.2.2 On Input (Level A)	Supports	No unexpected changes were observed on input
3.3.1 Error Identification (Level A)	Supports	Most inputs are not validated for errors. When they are, error messages are provided.
3.3.2 Labels or Instructions (Level A)	Supports	Labels and instructions are provided.
4.1.1 Parsing (Level A)	Supports	HTML content parsed without errors when checked with the Nu HTML Checker and the WCAG Parsing Bookmarklet.
4.1.2 Name, Role, Value (Level A)	Partially supports	The visual and text editor tabs are missing tab markup. Some items in the media library are incorrectly communicated as checkboxes. These issues have been inherited from WordPress and have been reported upstream. Pressbooks is happy to improve functionality if/when upstream improvements are made available.

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Not Applicable	No live audio-visual content observed.
1.2.5 Audio Description (Prerecorded) (Level AA)	Not Applicable	No audio-visual content observed.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The website is not restricted to a single orientation. However, certain mobile views can result in some content being cut off. See 1.4.10 for more information.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	Each input field collecting information about the user includes markup identifying the input’s purpose, where relevant.
1.4.3 Contrast (Minimum) (Level AA)	Supports	All text has sufficient contrast with the background when the a11y admin color scheme is active.
1.4.4 Resize text (Level AA)	Supports	Site content is generally responsive and resizes well.
1.4.5 Images of Text (Level AA)	Supports	No images of text observed except in previews of themes on the Themes page, where text is incidental.

1.4.10 Reflow (Level AA 2.1 only)	Supports	Content is presented without loss of information or functionality and without requiring scrolling in two dimensions according to the success criteria for all tested pages/interfaces.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Supports	Non-text elements such as icons have sufficient contrast with the background.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	No loss of content or functionality occurs in the Pressbooks authoring interface when setting line height, letter spacing, word spacing and post-paragraph spacing to the values specified in the Success Criterion.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	Content that is available on hover or keyboard focus is hoverable and persistent.
2.4.5 Multiple Ways (Level AA)	Supports	Content can be found through both navigation and a site map.
2.4.6 Headings and Labels (Level AA)	Supports	Headings and labels are clear and descriptive.
2.4.7 Focus Visible (Level AA)	Supports	A focus indicator is visible for focusable controls.
3.1.2 Language of Parts (Level AA)	Not Applicable	No content in languages other than the main page language observed.
3.2.3 Consistent Navigation (Level AA)	Supports	No changes were observed when elements receive focus.

<u>3.2.4 Consistent Identification</u> (Level AA)	Supports	Components that serve the same function are identified consistently.
<u>3.3.3 Error Suggestion</u> (Level AA)	Supports	Most inputs are not validated for errors. When error messages are provided they are descriptive.
<u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)	Not Applicable	No legal of financial information required from users.
<u>4.1.3 Status Messages</u> (Level AA 2.1 only)	Not Applicable	No status messages observed.