



Cauldron Pattern Library Accessibility Conformance Report

WCAG Edition

(Based on VPAT[®] Version 2.4)

Name of Product/Version: Cauldron Pattern Library v5.8.1

Report Date:

27th September, 2023

Product Description:

Deque Cauldron - An accessible HTML, CSS, and JavaScript front-end framework for creating web and mobile applications.

Contact information:

Deque Systems,
381 Elden Street,
Ste 2000 Herndon,
VA 20170 [1-703-225-0380](tel:1-703-225-0380)

Notes:

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Evaluation Methods Used:

A combination of automated and manual testing techniques were employed for the accessibility assessment

- Manual assessment based on Windows 11 - Chrome Version 116.0.5845.142, NVDA 2023.1
- Automation: Ran automation tests using axe-core version 4.6.3

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)

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 2.1 Success Criteria, the criteria 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
1.1.1 Non-text Content (Level A)	Supports	Cauldron Pattern Library provides text alternatives for all the instances of images and icons.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	The Cauldron Pattern Library does not contain prerecorded audio-only or video-only media.
1.2.2 Captions (Prerecorded) (Level A)	Supports	The Cauldron Pattern Library does not contain prerecorded synchronized media.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	The Cauldron Pattern Library does not contain prerecorded video content that would require audio description or a media alternative.
1.3.1 Info and Relationships (Level A)	Partially Supports	Visual Structure and relationship information in the Cauldron Pattern Library is provided appropriately for almost all the pages. Exception Include: <ul style="list-style-type: none">• Text appears and functions like a section heading but is not marked up as such in the “Accordion, Two column panel” section.• The group label is not associated with its checkboxes in the “Checkbox” page.
1.3.2 Meaningful Sequence (Level A)	Supports	The Cauldron Pattern Library presents content in a meaningful sequence in all of the pages.
1.3.3 Sensory Characteristics (Level A)	Supports	Instructions in the Cauldron Pattern Library

Criteria	Conformance Level	Remarks and Explanations
		do not rely solely on sensory characteristics.
<u>1.4.1 Use of Color</u> (Level A)	Supports	No functions of the Cauldron Pattern Library convey information through color alone.
<u>1.4.2 Audio Control</u> (Level A)	Supports	The Cauldron Pattern Library does not contain audio that plays automatically.
<u>2.1.1 Keyboard</u> (Level A)	Supports	All the functionalities in the Cauldron Pattern Library can be operated using only a keyboard and support standard keyboard navigation.
<u>2.1.2 No Keyboard Trap</u> (Level A)	Supports	All screens and components of the Cauldron Pattern Library do not include keyboard traps.
<u>2.1.4 Character Key Shortcuts</u> (Level A 2.1 only)	Supports	The Cauldron Pattern Library does not provide character key shortcuts.
<u>2.2.1 Timing Adjustable</u> (Level A)	Supports	The Cauldron Pattern Library provides a mechanism to extend the time limit.
<u>2.2.2 Pause, Stop, Hide</u> (Level A)	Supports	The Cauldron Pattern Library does not include elements that move, blink, scroll, or auto-update.
<u>2.3.1 Three Flashes or Below Threshold</u> (Level A)	Supports	The Cauldron Pattern Library does not contain flashing content.
<u>2.4.1 Bypass Blocks</u> (Level A)	Supports	All screens in the Cauldron Pattern Library provide a means to bypass blocks of repeated content.
<u>2.4.2 Page Titled</u> (Level A)	Supports	Each page in the Cauldron Pattern Library provides a programmatic title that describes that page's topic or purpose.
<u>2.4.3 Focus Order</u> (Level A)	Partially Supports	<p>Almost all of the Cauldron Pattern Library elements receive focus in a meaningful order.</p> <p>Exception Include: Keyboard focus order is not logical at 1 instance.</p>

Criteria	Conformance Level	Remarks and Explanations
2.4.4 Link Purpose (In Context) (Level A)	Supports	All links in Cauldron Pattern Library can be programmatically determined from their context.
2.5.1 Pointer Gestures (Level A 2.1 only)	Supports	The Cauldron Pattern Library does not rely on multipoint or path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 only)	Supports	The functions on the Cauldron Pattern Library that use a single pointer are completed when the user releases the pointer.
2.5.3 Label in Name (Level A 2.1 only)	Supports	The accessible names of all of the Cauldron Pattern Library controls contain the text of their visible labels.
2.5.4 Motion Actuation (Level A 2.1 only)	Supports	The Cauldron Pattern Library does not have functionality operated by device motion or user motion.
3.1.1 Language of Page (Level A)	Supports	On each page of the Cauldron Pattern Library, the language is programmatically determinable.
3.2.1 On Focus (Level A)	Supports	The Cauldron Pattern Library components do not initiate a change of context when they receive focus.
3.2.2 On Input (Level A)	Supports	Changes of context do not occur automatically on user input in the Cauldron Pattern Library.
3.3.1 Error Identification (Level A)	Supports	Where errors are automatically detected in the Cauldron Pattern Library, the error is identified, and an error message is provided as text.
3.3.2 Labels or Instructions (Level A)	Supports	Labels are provided for all of the input fields in the Cauldron Pattern Library.
4.1.1 Parsing (Level A)	Supports	In the Cauldron Pattern Library, all of the pages in the application (1) use semantically correct mark up for all interactive elements; (2) have complete start and end tags; (3) controls are nested properly; And (4) all pages have unique ID values.

Criteria	Conformance Level	Remarks and Explanations
4.1.2 Name, Role, Value (Level A)	Supports	In Cauldron Pattern Library, all the user interface components provide programmatic name, role and state information to assistive technology users.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)s	Supports	The Cauldron Pattern Library does not contain live synchronized media.
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	The Cauldron Pattern Library does not contain prerecorded video content that would require audio description.
1.3.4 Orientation (Level AA 2.1 only)	Supports	The Cauldron Pattern Library content does not restrict its view and operation to a single display orientation.
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Supports	All the elements in Cauldron Pattern Library that require autocomplete are provided with necessary values.
1.4.3 Contrast (Minimum) (Level AA)	Partially Supports	Almost all of the text in the Cauldron Pattern Library meets minimum color contrast requirements. Exception Include: Text content lacks 4.5:1 contrast ratio in the "Icon" page.
1.4.4 Resize text (Level AA)	Supports	All of the pages in Axe Auditor zoom to 200% without loss of content.
1.4.5 Images of Text (Level AA)	Supports	The Cauldron Pattern Library uses text instead of images of text except for branding elements that are considered essential.
1.4.10 Reflow (Level AA 2.1 only)	Partially Supports	Most of the pages in Cauldron Pattern Library supports reflow so content can be

Criteria	Conformance Level	Remarks and Explanations
		viewed without vertical scrolling in a viewport that is 320 pixels (px) wide and without horizontal scrolling in a viewport that is 256 pixels high. Exception Include: Content cut off at reflow or Horizontal scrollbar is present in the “Tooltip, Two column panel” pages.
1.4.11 Non-text Contrast (Level AA 2.1 only)	Partially Supports	In Cauldron Pattern Library, Visual presentation of all the interactive elements in almost all states have at least 3:1 contrast ratio across all pages. Exceptions Include: <ul style="list-style-type: none"> • State of User Interface Components lacks 3 to 1 contrast ratio in the “List box, Point out, Select” pages. • Icon lacks 3:1 contrast ratio in the “Point out” page.
1.4.12 Text Spacing (Level AA 2.1 only)	Supports	In the Cauldron Pattern Library, the spacing between letters, words, and lines of text and/or paragraphs can be adjusted in all the pages.
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Supports	All of the content that appears on hover and on focus can be viewed by moving the pointer over the triggering element; can be dismissed without moving the cursor or pointer; and is persistent until the user dismisses it across Cauldron Pattern Library.
2.4.5 Multiple Ways (Level AA)	Supports	More than one way is available to locate a Web page within each page of the Cauldron Pattern Library.
2.4.6 Headings and Labels (Level AA)	Partially Supports	In Cauldron Pattern Library, almost all the headings & labels are descriptive.

Criteria	Conformance Level	Remarks and Explanations
		Exception Include: The programmatic label does not convey the purpose of the control in the “Icon button” page.
2.4.7 Focus Visible (Level AA)	Supports	All the focusable elements in Cauldron Pattern Library have a visible keyboard focus indicator.
3.1.2 Language of Parts (Level AA)	Supports	Within each page or modal of the Cauldron Pattern Library, the language of each portion of the page or modal is programmatically determinable.
3.2.3 Consistent Navigation (Level AA)	Supports	The Cauldron Pattern Library provides consistent and repeatable navigation across all screens.
3.2.4 Consistent Identification (Level AA)	Supports	Components that have the same functionality within the Cauldron Pattern Library are identified consistently.
3.3.3 Error Suggestion (Level AA)	Supports	When an error is automatically detected within a data entry form in the Cauldron Pattern Library, the resulting error message provides suggestions for correction.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Supports	When data is being deleted from Cauldron Pattern Library user is notified to confirm their choice.
4.1.3 Status Messages (Level AA 2.1 only)	Partially Supports	<p>Almost all the status messages on the Cauldron Pattern Library are programmatically determined through role or properties and they are announced automatically to the screen reader users.</p> <p>Exception Include: Status message not automatically announced in the “Combo box” page.</p>

Table 3: Success Criteria, Level AAA

Notes: Level AAA success criteria' are not within the scope of this conformance evaluation.

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Scope:

SI. No.	Page Name
1	Introduction
2	Component Guidelines
3	Style Guidelines
4	Theming
5	Accordion
6	Address
7	Alert
8	BreadCrumb
9	Button
10	Checkbox
11	ClickOutsideListener
12	Code
13	DescriptionList
14	ExpandCollapsePanel
15	Field Wrap
16	Icon
17	IconButton
18	Layout
19	Line
20	Link
21	Loader
22	LoaderOverlay
23	Modal
24	NavBar
25	Offscreen
26	OptionsMenu
27	Pagination
28	Panel

Sl. No.	Page Name
29	ProgressBar
30	Radio card group
31	RadioGroup
32	Scrim
33	Select
34	Stepper
35	Table
36	Tabs
37	Tag
38	TextField
39	Toast
40	Tooltip
41	TooltipTabstop
42	TopBar
43	Two column panel
44	Card
45	IssuePanel
46	Pointout
47	Notice
48	Listbox
49	Combo box