High–level accessibility review – LAA
(Covidence Platform)

Primary Point of Contact

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Contents

Covidence Platform

Summary

Top 3 problems for the Covidence Platform

This high-level assessment covers limited portions and functionality of the Covidence Platform. The assessment revealed issues with assistive technology compatibility, resulting in some users missing information required to perceive and understand content, and to operate functions. It is important to keep in mind that the findings represent a high-level assessment, and do not reflect the results of a Deque Comprehensive Web Assessment.

1. **Contrast –** Many color contrast issues exist throughout the site, with various contrast ratios due to a wide variety of foreground and background color combinations.
2. **Programmatic Names –** Key interactive elements are missing programmatic names that are required for users of Assistive Technology to know what the purpose of the affected controls are.
3. **Non-Text Contrast –** A small number of informative icons and visual-only elements are low in contrast. However, the small number of instances are repeated across many areas of the platform.

Accessibility findings

Project wide issues

The issues presented in this section were identified in multiple pages and are recorded here to avoid repetition. These are applicable to each screen. Due to particularities, similar issues are still reported on a page per page basis, where applicable.

Automated findings using Axe

Issues found through automated testing come from the Axe plugin, an open source accessibility testing tool that is available for Chrome, Firefox and Edge. Details here: https://www.deque.com/products/axe/.

No global issues found

Additional manual findings using NVDA screen reader

No global issues found

1. Landing Page

Source: https://app.covidence.org/reviews/active
Test case: Test initial interface/landing page to ensure menus, search box, images, icons, sort by, etc. are accessible.

Automated findings using Axe
1. **SC 4.1.2 A** – The link with the CSS selector #nav-top > div.offline-ui.offline-ui-up > a is missing a programmatic link name.
2. **SC 1.4.4 AA** – The page inappropriately disables zooming and scrolling through the use of specific attributes and values on <meta>
3. **SC 4.1.2 A** – The 'Sort by' combobox is missing a programmatic name.
4. **SC 1.4.1 A** – The 'Demo Review' link is only visually distinguished as a link by color alone and is not visually distinguished using some other method.
5. **SC 1.4.3 AA** – The '10/06/2023' content is low in contrast. A contrast ratio of 2.32:1 was observed where a 4.5:1 is expected.

Additional manual findings using NVDA screen reader
1. **SC 1.4.11 AA** – The yellow bar that indicates the current selection between 'Current reviews' and 'Archived reviews' is low in contrast. A contrast ratio of 2.19:1 was observed where a 3:1 ratio is required.
2. **SC 1.4.4 AA** – Several functions and content is missing at a 200% zoom level. Ex. Start a new review, Try the Demo Review…, etc.
3. **SC 4.1.2 A** – The currently selected item in the menu is only visually identified but is missing a programmatic indication
4. **SC 2.4.6 AA** - The "1" label for the 'Help' menu does not sufficiently describe the purpose of the control
5. **SC 1.1.1 A** - The "funky shapes" graphic is decorative but is not identified as such

2. Profile

Source: https://app.covidence.org/profile
Test case: Profile page

Automated findings using Axe
1. **SC 4.1.2 A** – The link with the CSS selector #nav-top > div.offline-ui.offline-ui-up > a is missing a programmatic link name.
2. **SC 1.4.4 AA** – The page inappropriately disables zooming and scrolling through the use of specific attributes and values on <meta>
3. **SC 1.4.3 AA** – The avatar initials (eg. AT) is low in contrast. A contrast ratio of 1.74:1 was observed where a 4.5:1 is expected.
4. **SC 1.4.3 AA** – The 'Trial' and 'Primary' content is low in contrast. A contrast ratio of 2.09:1 was observed where a 4.5:1 is expected.

Additional manual findings using NVDA screen reader
1. **SC 1.4.4 AA** – The top 'tab bar' navigation content and functionality is missing at a 200% zoom.
2. **SC 1.4.3 AA** – The "you@domain.com" placeholder text is low in contrast. A 2.85:1 contrast ratio was observed where a 4.5:1 is expected.
3. **SC 1.4.11 AA** – The yellow bar that indicates the current selection in the top 'tab bar' navigation is low in contrast. A contrast ratio of 2.19:1 was observed where a 3:1 ratio is required.
4. **SC 4.1.2 A** – The currently selected item in the menu is only visually identified but is missing a programmatic indication
5. **SC 1.4.3 AA** – The "Leave organization' control is low in contrast on focus. A 2.78:1 contrast ratio was observed where a 4.5:1 is expected.

3. New Review

Source: https://app.covidence.org/reviews/new
Test case: Start a new review

Automated findings using Axe

1. **SC 1.4.3 AA** – The 'Select..' placeholders are low in contrast. A contrast ratio of 3.94:1 was observed where a 4.5:1 is expected.
2. **SC 1.4.3 AA** – The 'Learn about the different types of reviews' link is low in contrast. A contrast ratio of 3.61:1 was observed where a 4.5:1 is expected.
3. **SC 1.4.3 AA** – The avatar initials (eg. AT) is low in contrast. A contrast ratio of 2.43:1 was observed where a 4.5:1 is expected.
4. **SC 4.1.2 A** – The combobox inputs are missing a programmatic label.
5. **SC 1.4.1 A** – The ' buy a new subscription' control is only visually distinguished as a link by color alone and is not visually distinguished using some other method.
6. **SC 4.1.2 A** – The link with the CSS selector #nav-top > div.offline-ui.offline-ui-up > a is missing a programmatic link name.
7. **SC 1.4.4 AA** – The page inappropriately disables zooming and scrolling through the use of specific attributes and values on <meta>

Additional manual findings using NVDA screen reader

1. **SC 1.3.1 A** – The group label "Are you creating a Cochrane review?" is not programmatically associated with the input
2. **SC 1.4.11 AA** – The visible input boundary for 'Name your review' is low in contrast. A 1.51:1 contrast ratio was observed where a 3:1 ratio is required.
3. **SC 3.3.2 A** – The required input fields are not visually identified, programmatically identified or can be identified through an input validation error.

4. New Review – Summary, Export, Settings, etc.

Source: https://app.covidence.org/reviews/327723
Test case: For the new review, test the "Review summary," "Export," "Review settings," "Reviewers, "Team settings," "Criteria & exclusion reasons," and "Study tags"

Automated findings using Axe

1. **SC 1.4.3 AA** – The 'Export' control is low in contrast. A contrast ratio of 2.83:1 was observed where a 4.5:1 ratio is required.
2. **SC 1.4.3 AA** – The 'X total duplicates removed' control is low in contrast. A contrast ratio of 2.43:1 was observed where a 4.5:1 ratio is required.
3. **SC 1.4.3 AA** – The blue controls (eg. 0 irrelevant) are low in contrast. A contrast ratio of 3.61:1 was observed where a 4.5:1 ratio is required.
4. **SC 4.1.2 A** – The link with the CSS selector #nav-top > div.offline-ui.offline-ui-up > a is missing a programmatic link name.
5. **SC 1.4.4 AA** – The page inappropriately disables zooming and scrolling through the use of specific attributes and values on <meta>
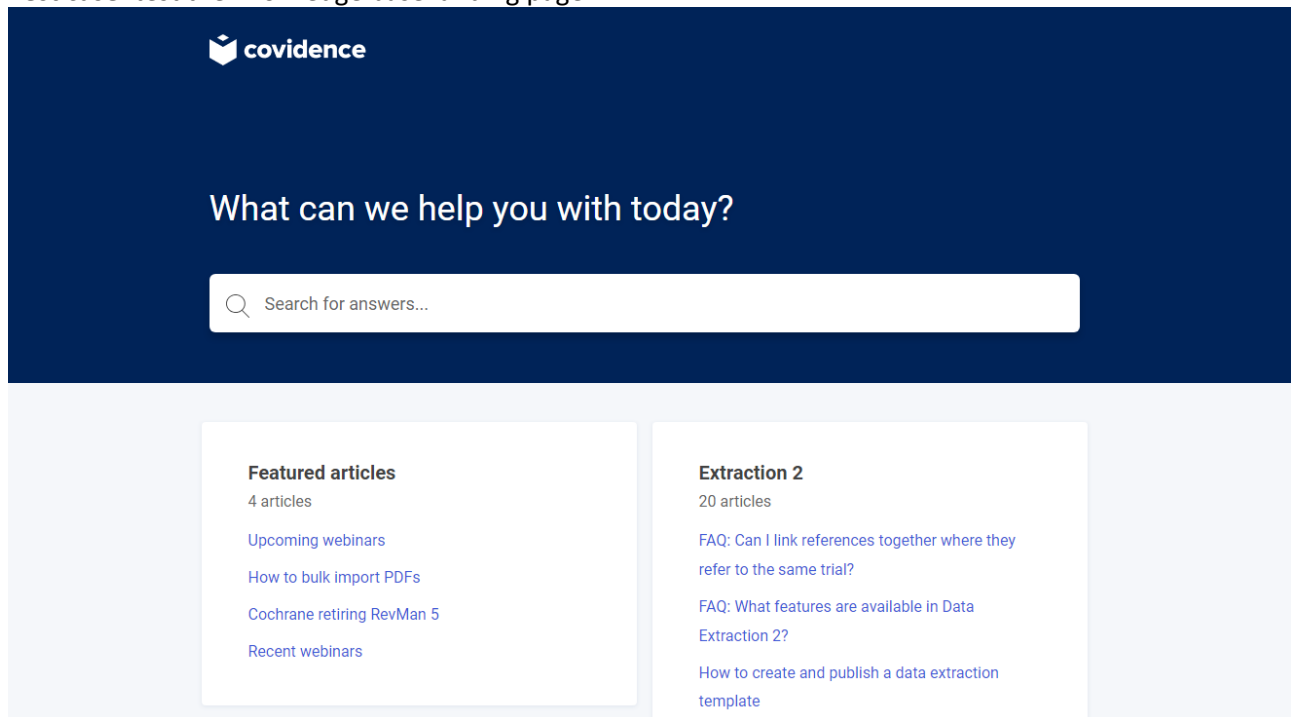
Additional manual findings using NVDA screen reader
Not completed due to insufficient time.

5. Covidence Knowledge Base

Source: https://support.covidence.org/help
Test case: test the knowledge base landing page

Automated findings using Axe

1. **SC 1.4.3 AA** – The 'Powered by Groove' content is low in contrast. A contrast ratio of 1.26:1 was observed where a 4.5:1 ratio is expected.
2. **SC 1.1.1 A** – The page has several images that are missing an alt attribute that either describes the image or programmatically identifies the image as decorative. Some of the affected images are active, which can only be described and not be identified as decorative.
3. **SC 4.1.2 A** – The top 'covidence' logo link on the page is missing programmatic link text.
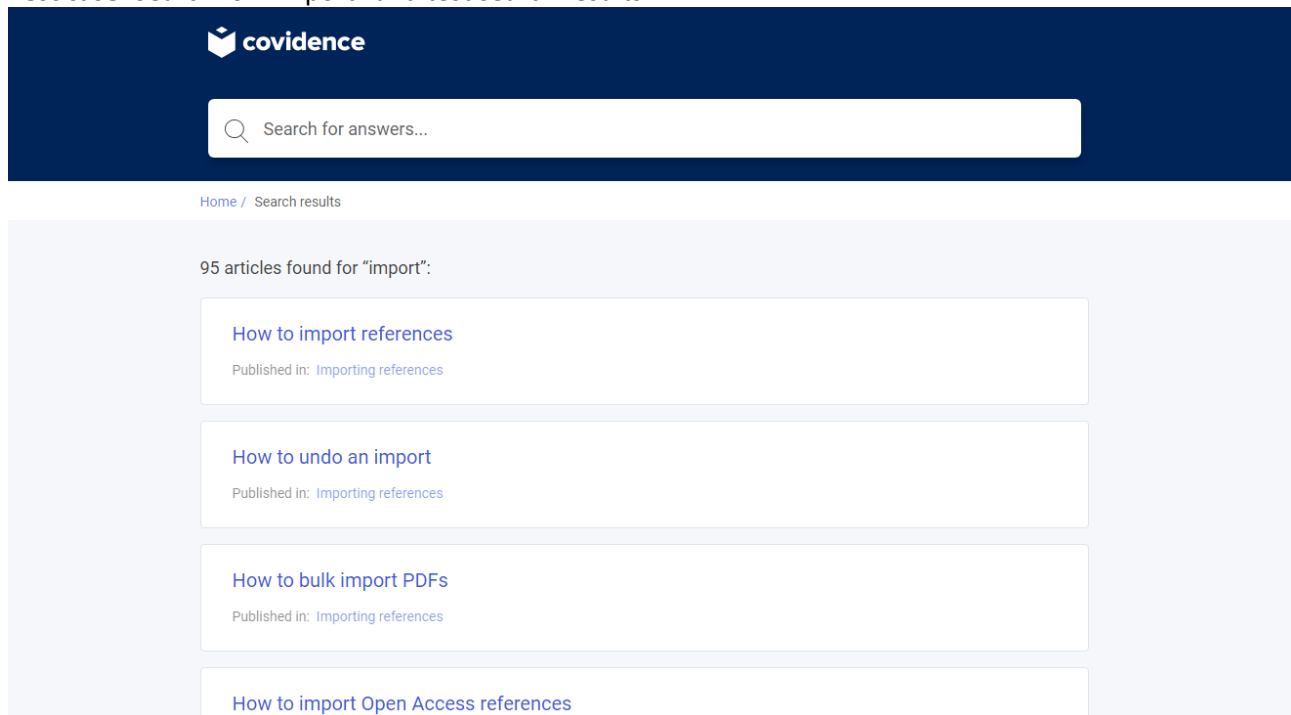
Additional manual findings using NVDA screen reader
Not completed due to insufficient time.

6. Search Results: Import

Source: https://support.covidence.org/help/search?keyword=import
Test case: Search for "import" and test search results

Automated findings using Axe
1. **SC 1.4.3 AA** – The 'Powered by Groove' content is low in contrast. A contrast ratio of 1.26:1 was observed where a 4.5:1 ratio is expected.
2. **SC 1.1.1 A** – The page has several images that are missing an alt attribute that either describes the image or programmatically identifies the image as decorative. Some of the affected images are active, which can only be described and not be identified as decorative.
3. **SC 4.1.2 A** – The top 'covidence' logo link on the page is missing programmatic link text.
4. **SC 1.4.3 AA** – The breadcrumb links are low in contrast. A contrast ratio of 3.84:1 was observed where a 4.5:1 ratio is expected.
5. **SC 1.4.3 AA** – The 'Published in' content is low in contrast. A contrast ratio of 3.27:1 was observed where a 4.5:1 ratio is expected.
6. **SC 1.4.3 AA** – The light purple links are low in contrast. A contrast ratio of 2.61:1 was observed where a 4.5:1 ratio is expected.
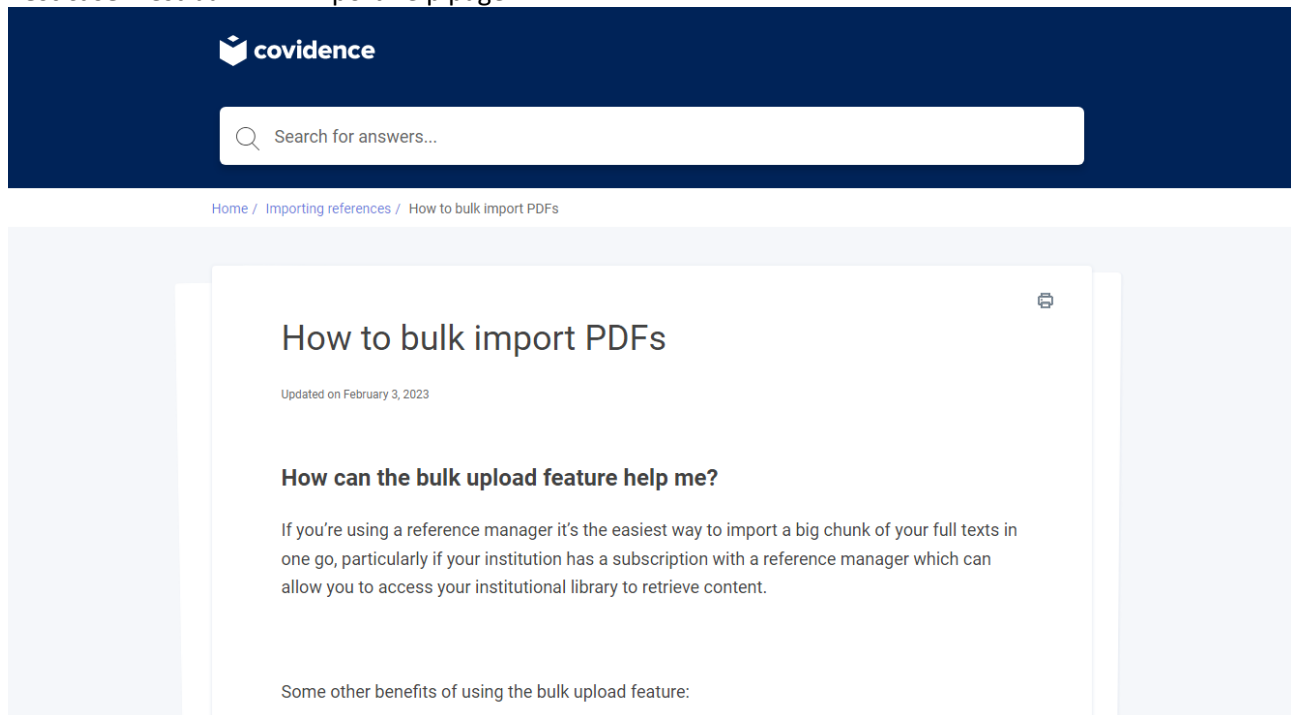
Additional manual findings using NVDA screen reader
Not completed due to insufficient time.

7. Bulk PDF Import

Source: https://support.covidence.org/help/bulk-pdf-import
Test case: Test bulk PDF import help page

Automated findings using Axe

1. **SC 1.4.3 AA** – The breadcrumb links are low in contrast. A contrast ratio of 3.84:1 was observed where a 4.5:1 ratio is expected.
2. **SC 1.4.3 AA** – The 'Get in touch' link is low in contrast. A contrast ratio of 3.58:1 was observed where a 4.5:1 ratio is expected.
3. **SC 1.4.3 AA** – The 'Powered by Groove' content is low in contrast. A contrast ratio of 1.26:1 was observed where a 4.5:1 ratio is expected.
4. **SC 4.1.1 A** – The page contains duplicate IDs: path-1
5. **SC 1.1.1 A** – The page has several images that are missing an alt attribute that either describes the image or programmatically identifies the image as decorative. Some of the affected images are active, which can only be described and not be identified as decorative.
6. **SC 1.4.1 A** – The page contains links that are only visually distinguished as links by color alone and are not visually distinguished using some other method.
7. **SC 4.1.2 A** – The top 'covidence' logo and the 'print friendly' links on the page are missing programmatic link text.

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.