

# High-level accessibility review – LAA (EBSCOhost Platform)

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# EBSCOhost Platform

## Summary

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### Top 3 problems for the EBSCOhost Platform

This high-level assessment covers limited portions and functionality of the EBSCOhost 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. **ARIA** – Many elements make use of ARIA attributes where there is no valid role. This approach causes inconsistencies in support amongst Assistive Technology.
2. **Contrast** – A handful of key controls and icon controls are low in contrast, making them difficult to perceive.
3. **Labels** – The search inputs found on all pages are missing visible labels.

### Accessibility findings

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#### 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/>.

1. **SC 4.1.2 A** – The ‘Please enter search term(s)’ field has an invalid attribute value for the aria-describedby attribute.
2. **SC 1.4.3 AA** – The ‘Search’ control is low in contrast. A contrast ratio of 1.89:1 was observed where 4.5:1 is expected.

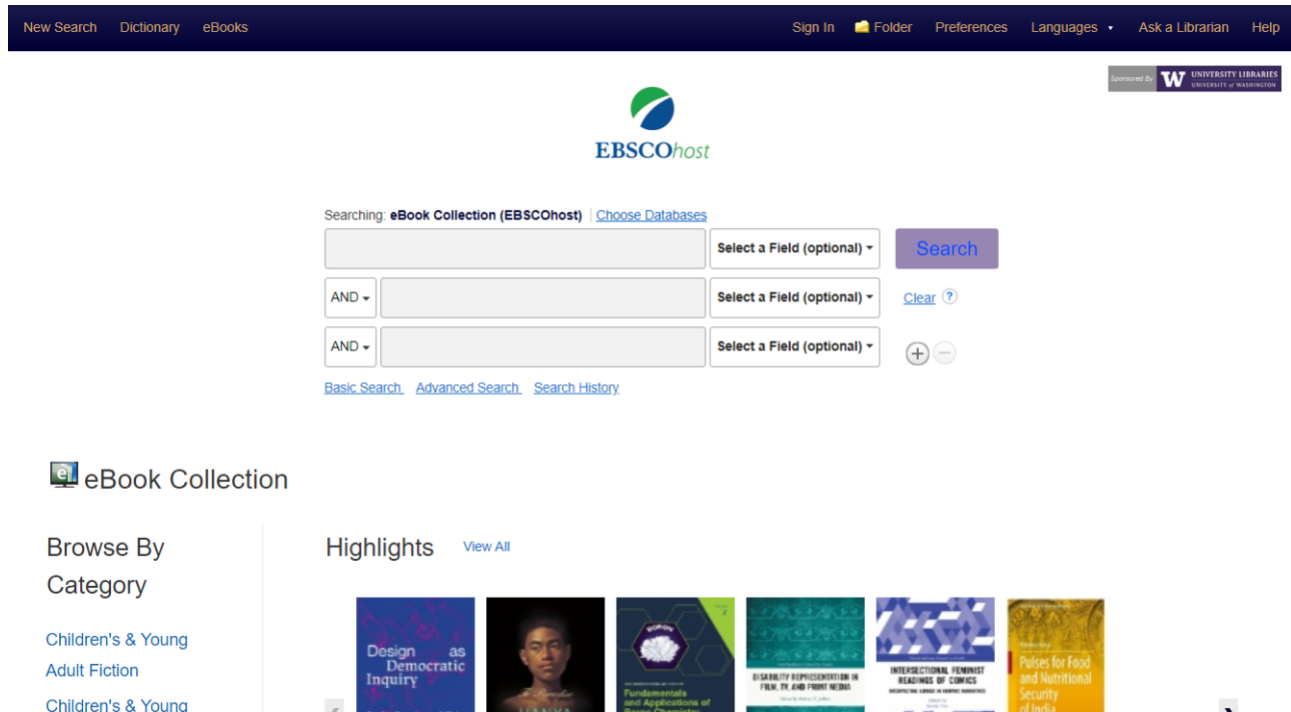
#### Additional manual findings using NVDA screen reader

1. **SC 1.4.10 AA** – The ‘Sponsored by: University of Washington University Libraries’ linked image is inappropriately labelled “Library Logo”
2. **SC 3.3.2 A** – The ‘Search Terms 1’, ‘Search Terms 2’ and ‘Search Terms 3’ input fields are missing a visible label.

## 1. Landing Page

**Source:** <https://web-p-ebSCOhost-com.offcampus.lib.washington.edu/ehost/search/basic?sid=04b349b3-4019-43e2-8486-ed71b88e973a@redis&vid=0&tid=2003EB>

**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 2.4.4 A** – All instances of “View All” links contain the same programmatic text but have a unique purpose that is not programmatically provided via additional context.

### Additional manual findings using NVDA screen reader

1. **SC 1.4.4 AA** – The ‘Browse by category’ and ‘eBook Support Information’ sections are missing at a 200% zoom level.
2. **SC 1.4.10 AA** – The ‘Browse by category’ and ‘eBook Support Information’ section content and functionality is unavailable on a reflow viewport that is 320 CSS px wide.
3. **SC 4.1.3 AA** – In the ‘Choose databases’ modal, the “Note: Selecting all databases for search may result in slow response time” status message is not automatically announced.
4. **SC 1.4.11 AA** – In the ‘Choose databases’ modal, the ‘X’ (close) icon is low in contrast.
5. **SC 2.4.6 AA** – In the ‘Choose databases’ modal, there are multiple instances of the ‘More info’ button with insufficient context for each same-named control.

## 2. Search Results: What Ever Happened to Orson Welles

**Source:** <https://web-s-ebSCOhost-com.offcampus.lib.washington.edu/ehost/resultsadvanced?vid=3&sid=eaab240e-26ed-4369-80e5-a9f0b5c01957%40redis&bquery=What+Ever+Happened+to+Orson+Welles...> [URL Truncated]

**Test case:** From the initial interface, perform a search. Choose “Choose Database” and then “Select all”. Search for: What Ever Happened to Orson Welles. Test results page, including Filter – Source Type, Sort by Relevance and Sort by Page Options.

The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for 'New Search', 'Subjects', 'Publications', 'Company Information', 'Images', and 'More'. On the right, there are links for 'Sign In', 'Folder', 'Preferences', 'Languages', 'Ask a Librarian', and 'Help'. Below the navigation bar, the search bar contains the text 'What Ever Happened to Orson Welles'. To the right of the search bar are dropdown menus for 'Select a Field (optional)' and a 'Search' button. Below the search bar are three more dropdown menus for 'Select a Field (optional)' and a 'Clear' button. The search results are displayed in a list format. The first result is '1. What Ever Happened to Orson Welles?: A Portrait of an Independent Career' by Joseph McBride. The result includes a small image of the book cover, the author's name, the publisher (The University Press of Kentucky), the year (2022), and a description. Below the description are links for 'PDF Full Text', 'EPUB Full Text', and 'Full Download'. The second result is '2. What Ever Happened to Orson Welles? A Portrait of an Independent Career'. On the left side of the search results, there is a 'Refine Results' panel with sections for 'Current Search', 'Boolean/Phrase', 'Expanders', 'Limiters', and 'Limit To'. On the right side, there is an 'Ask Us!' button, a 'Click to chat now with a libra' button, a 'Company' dropdown menu, and a 'Go' button. At the bottom right, there is a 'Reference Shelf' section with links for 'Collection Overview', 'Essays - AAS', and 'Collection Overview'.

### Automated findings using Axe

1. **SC 2.4.4 A** – All instances of “Show more” links contain the same programmatic text but have a unique purpose that is not programmatically provided via additional context.
2. **SC 4.1.1 A** – The ‘Ask Us!’ control is a link nested within a button. This is an unsupported nesting practice.
3. **SC 4.1.2 A** – The ‘Publication date’ slider elements contains attributes that are not supported on the span role: aria-valuemin, aria-valuenow, aria-valuemax, aria-label, aria-labelledby
4. **SC 4.1.2 A** – The ‘Search results’, ‘Refine results’ and ‘Ask us’ containers use aria-labelledby which is not well-supported on the div role used by the containers
5. **SC 1.4.3 AA** – The ‘Go’ control is low in contrast. A contrast ratio of 1.89:1 was observed where 4.5:1 is expected.

### Additional manual findings using NVDA screen reader

1. **SC 1.4.3 AA** – The ‘Enter company’ placeholder text is low in contrast. A contrast ratio of 2.5:1 was observed where 4.5:1 is expected.
2. **SC 1.4.11 AA** – All instances of the ‘Add to folder’ icon are low in contrast in checked and unchecked states. A contrast ratio of 2.2:1 was observed where 3:1 is expected.
3. **SC 4.1.2 A** – When an item is added to a folder, the ‘remove from folder’ icon button is missing a programmatic name.
4. **SC 1.4.11 AA** – When an item is added to a folder, the ‘remove from folder’ icon button is partially low in contrast due to the gradient.

### 3. Result Details

**Source:** <https://web-s-ebSCOhost-com.offcampus.lib.washington.edu/ehost/detail/detail?vid=4&sid=eaab240e-26ed-4369-80e5-a9f0b5c01957%40redis&bdata=JnNpdGU9ZWhvc3QtbGl2ZQ%3d%3d#AN=3164140&db=nlebk>

**Test case:** Select first result, What Ever Happened to Orson Welles?: A Portrait of an Independent Career. Test the result page including PDF Full Text, EPUB Full Text, Full Download. Test “Refine Search”.

The screenshot shows the EBSCOhost search interface. At the top, there is a navigation bar with links for 'New Search', 'Subjects', 'Publications', 'Company Information', 'Images', 'More', 'Sign In', 'Folder', 'Preferences', 'Languages', 'Ask a Librarian', and 'Help'. Below this is the search bar with the text 'What Ever Happened to Orson Welles' and a 'Search' button. There are also options for 'Select a Field (optional)', 'AND', and 'Clear'. The search results are displayed in a grid format. The first result is 'What Ever Happened to Orson Welles? : A Portrait of an Independent Career' by Joseph McBride, published by Lexington, Kentucky : The University Press of Kentucky, 2022. The resource type is 'eBook'. The description states: 'In this intimate and often surprising personal portrait, Joseph McBride challenges the conventional wisdom that Welles's career after Citizen Kane, widely regarded as the greatest film ever made, fell into a long decline. The author shows instead how Welles never stopped directing radical, adventurous films and was always breaking new artistic ground as a filmmaker. McBride is the first author to provide a comprehensive examination of the films of Welles's artistically rich yet widely misunderstood later period in the United States (1970–1985), when McBride knew the director and worked with him as an actor on The Other Side of the Wind, Welles's personal testament on filmmaking. To put Welles's later years into context, the author reexamines the filmmaker's entire life and career. This newly updated edition rounds out the story with a final chapter'. The page also includes a 'Detailed Record' section with links for 'PDF Full Text', 'EPUB Full Text', and 'Full Download'. There is also a 'Tools' section with options for 'Google Drive', 'OneDrive', 'Add to folder', 'Print', 'E-mail', 'Save', 'Cite', 'Export', and 'Create Note'.

#### Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Most relevant pages from this ebook’, ‘Table of Contents’, ‘Detailed record’ and ‘Tools’ containers use aria-labelledby which is not well-supported on the div role used by the containers

#### Additional manual findings using NVDA screen reader

Not completed due to insufficient time.

#### 4. Advanced Search

**Source:** <https://web-p-ebSCOhost-com.offcampus.lib.washington.edu/ehost/search/advanced?vid=7&sid=6d88cab5-c0ff-40d5-b157-eec9659480d8%40redis>

**Test case:** Test Advanced Search link.

EBSCOhost Searching: eBook Collection (EBSCOhost), [Show all](#) | [Choose Databases](#) Powered by UNIVERSITY LIBRARIES UNIVERSITY OF WASHINGTON

What Ever Happened to Orson Welles Select a Field (optional) Search

AND Select a Field (optional) Clear ?

AND Select a Field (optional) + -

[Basic Search](#) [Advanced Search](#) [Search History](#)

Search Options Reset

Search Modes and Expanders

Search modes ?

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

Apply related words

Also search within the full text of the articles

Apply equivalent subjects

Limit your results

References Available

Full Text

Published Date

Peer Reviewed

#### Automated findings using Axe

No unique automated issues were found.

#### Additional manual findings using NVDA screen reader

Not completed due to insufficient time.