

High-level accessibility review – LAA (Brill eBook Platform)

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Brill eBook Platform

Summary

Top 3 problems for the Brill eBook Platform

This high-level assessment covers limited portions and functionality of the Brill eBook 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. Screen reader experiences were focused on this brief assessment. As a result, not all issues affecting other user types were uncovered.

1. **Name Role Value** – Several controls and composite controls (widgets) are improperly implemented, resulting in a poor user experience for users who expect a control to behave in a certain way. Otherwise, other controls are missing programmatic names or other attributes in order to allow users to properly understand the purpose of controls or to operate them.
2. **Focus Order** – Many key areas of the site pop up dialog boxes containing additional information for a user to navigate or to operate the site. The issues surrounding focus order will have a very negative experience for screen reader users who could become disoriented when they encounter the affected areas.
3. **Info and Relationships** – In lists and tab widgets particularly, when relationships between controls and items are not properly implemented, a user of Assistive Tech could become confused as to how different content or controls relate to each other.

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 site-wide issues were found using automated scanning methods.

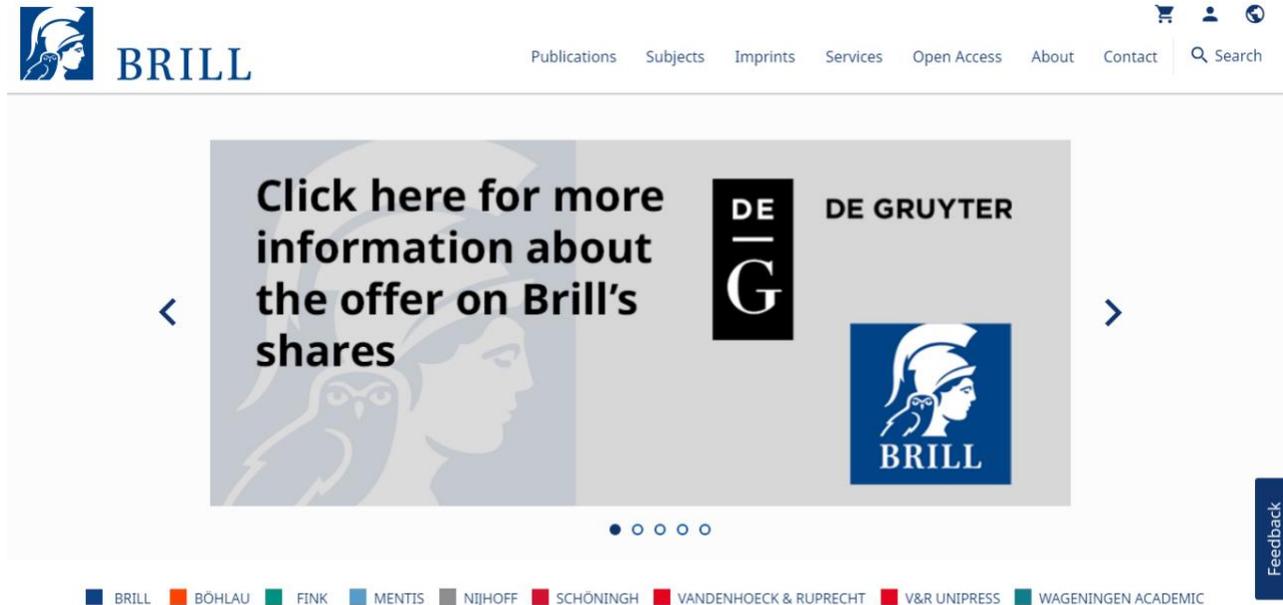
Additional manual findings using NVDA screen reader

1. **SC 2.5.3 A** – The ‘Jump to content’ link is programmatically named “skip to main content”
2. **SC 1.1.1 A** – The ‘Brill’ linked image is inappropriately described as “Logo”
3. **SC 2.4.3 A** – When all top level navigation panels are expanded, the programmatic focus is moved to the very end of the page, which disorients users once they tab past the submenu container.
4. **SC 2.4.3 A** – When the ‘About’ submenu is open, the links receive tab focus in an order that does not preserve the organization of the content.
5. **SC 4.1.2 A** – The ‘Cookies Settings’ control in the footer is missing an href attribute.
6. **SC 1.3.1 A** – The sections of category links in the footer are presented like headings but not programmatically identified as such.
7. **SC 1.4.3 AA** – Throughout the site, whenever a green link is hovered by a mouse user, the link becomes low in contrast. A 4.12:1 contrast ratio occurs on-hover, where a minimum 4.5:1 ratio is required.

1. Landing Page

Source: <https://brill.com/>

Test case: Test initial interface/landing page to ensure menus, sub-menus, search box, images, icons, etc. are accessible.



<https://brill.com/oaae/degruyter>

[CLICK HERE FOR MORE INFORMATION ABOUT THE OFFER ON BRILL'S SHARES](#)

Automated findings using Axe

1. **SC 1.4.3 AA** – The “Click here for more information about the offer on Brill’s shares” content (in red and all caps) is low in contrast. A contrast ratio of 3.99:1 was observed where a minimum 4.5:1 ratio is required.
2. **SC 4.1.2 A** – The ‘Click here for more information about the offer on Brill’s shares’ carousel slide control is missing a programmatic name.

Additional manual findings using NVDA screen reader

1. **SC 2.1.1 A** – The ‘next’ and ‘previous’ controls in the Homepage hero banner area and Title Highlights section carousel are not keyboard operable.
2. **SC 2.4.7 AA** – The carousel dot controls and individual carousel slides in the homepage hero banner area do not receive a clearly visible focus indicator when they receive keyboard focus.

2. Search Results

Source: <https://brill.com/search?q1=international+law>

Test case: From the initial landing page, conduct a search for: “international law”. Test search results page, including filters/refine search Product Type, then E-book and sort by options.

The screenshot shows the Brill website's search results page. The top navigation bar includes 'Publications', 'Subjects', 'Imprints', 'Services', 'Open Access', 'About', 'Contact', and a search icon. The left sidebar contains a 'Refine Search' section with a dropdown menu set to 'international' and a 'Search' button. Below this is a 'Product Type' section with a table listing categories and counts: Book (6,200), Journal (123), Reference Work (119), and Primary Source Collection (85). Further down are 'Imprint' and 'Subject' sections, with 'African Studies' listed under 'Subject' with a count of 5,896. The main content area is titled 'Search Results' and indicates 'You are looking at 1 - 10 of 201,011 items for:'. It features a search bar with 'All: international law', a 'Search level: All' dropdown, a 'Clear All' button, and a 'Download Citations' link. Below the search bar are 'Items per page' (set to 10) and 'Sort by' (set to Relevance) options. A pagination bar shows 'Page: 1 2 3 4 5 6 7 8 9 10 11 ...'. The main result is for 'International Law', which is a series. It includes a small image of the Brill logo and text stating: 'International Law is published as a subseries of Brill's Paperback Collection.' Below this, it lists titles: 'An Introduction to International Human Rights Law, Edited by Professor Azizur Rahman Chowdhury and Md. Jahid Hossain Bhuiyan' and 'Introduction to Public Law. A Comparative Study, Elisabeth Zoller'. On the right side of the page, there are three vertical buttons: a camera icon, an envelope icon, and a share icon. A vertical 'Feedback' button is located on the far right edge.

Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Download Citations’ control is inappropriately using the aria-expanded attribute, because its semantic role does not support it.
2. **SC 4.1.2 A** – The ‘Institutional Pricing (2023)’ and ‘Individual pricing (2023)’ tabs all inappropriately contain an interactive element nested within them.
3. **SC 4.1.2 A** – The “From” and “To” select controls in the Copyright Date section are missing a programmatic name.

Additional manual findings using NVDA screen reader

1. **SC 2.4.3 A** – When accordion sections are collapsed in the left hand refinement panel, a screen reader user can still tab to elements that are meant to be hidden.
2. **SC 2.4.6 AA** – In the left hand refinement panel, all ‘Open Section’ and ‘Close section’ controls are similarly named without any additional programmatic context, even though they all have a unique purpose.
3. **SC 1.1.1 A** – In the left hand refinement panel, the filter categories all contain a decorative arrow image either pointing up/down. The decorative image is inappropriately announced to users.
4. **SC 2.5.3 A** – In the left hand refinement panel, all instances of the ‘Submit’ CTA are programmatically named “Update search”
5. **SC 2.4.7 AA** – In the left hand refinement panel, all instances of a checkbox do not receive a clearly visible focus indicator when the controls receive focus.
6. **SC 2.4.7 AA** – In the results panel, the ‘Remove [filter name]’ controls do not receive a clearly visible focus indicator when the controls receive focus.
7. **SC 1.4.11 AA** – In the results panel, the Save, Email Page and Share controls do not provide a focus indicator with sufficient focus. A contrast ratio of 2.6:1 was observed where a minimum 3:1 is required
8. **SC 4.1.2 A** – In the results panel, the ‘Download Citations’ control is missing required ARIA role and attribute details in order to be properly identified as a combobox control.

9. **SC 2.4.3 A** – In the results panel, when the ‘Download Citations’ dialog is opened, the programmatic focus is moved to the very end of the page, which disorients users once they tab past the submenu container.
10. **SC 3.1.2 AA** – In the results panel, whenever there are instances of text in a language that is different from the primary page language, the change in language for the affected text is not programmatically defined.
11. **SC 1.3.1 A** – In the results panel, toward the very bottom of the panel, the ‘Items per page’ and ‘Sort by’ combobox controls are not programmatically associated with their visible label.
12. **SC 4.1.2 A** – In the results panel, the ‘Institutional Pricing (2023)’ and ‘Individual Pricing (2023)’ controls are inappropriately identified as tab widgets when they do not provide any tab widget functionality.
13. **SC 4.1.2 A** – In the results panel, the content found within the expanded sections of the ‘Institutional Pricing (2023)’ and ‘Individual Pricing (2023)’ sections is inappropriately identified as listbox controls when they are not controls and do not provide any listbox functionality.
14. **SC 2.4.4 A** – In the results panel, there are multiple instances of the “see more” link without any additional context to identify the unique purpose of each same-named link.

3. Individual Search Result

Source: <https://brill.com/edcollbook/title/12838?rskey=rwknaj&result=3>

Test case: Test individual search result landing page “Progress in International Law” & test actual document (PDF, video, etc.).

The screenshot shows the Brill website interface for the book "Progress in International Law". The page features the Brill logo, a navigation menu with links for Publications, Subjects, Imprints, Services, Open Access, About, and Contact, and a search bar. The main content area displays the book's cover, title, series information ("Developments in International Law, Volume: 6"), editors (Miller and Rebecca M. Bratspies), and a detailed description. The price is listed as \$423.00. Purchase options include "Add to Cart", "View PDF Flyer", and "Get Permissions". A right-hand sidebar contains a search bar, navigation tabs for Product Details, Collection Information, and Related Content, and a "Feedback" button.

Automated findings using Axe

1. **SC 1.3.1 A** – The ‘Related Content’ container has been given the ‘tablist’ role without also containing required children to complete the tab widget.
2. **SC 4.1.2 A** – The ‘Available formats’ select control is using an ARIA attribute that does not exist. The ‘aria-labeledby’ attribute is invalid, most likely the intended attribute is ‘aria-labelledby’.
3. **SC 1.4.3 AA** – The ‘Add to Cart’ link control is low in contrast. A 1.84:1 contrast ratio was observed where a minimum 4.5:1 ratio is required.
4. **SC 1.3.1 A** – The ‘Contents’ list element is mal-formed. It contains child elements that are not allowed.
5. **SC 1.3.1 A** – The individual items within the ‘Contents’ list are not properly nested within a semantic list container.
6. **SC 4.1.2 A** – The ‘Contents’, ‘About’, ‘Product Details’, ‘Collection Information’ and ‘Related Content’ tabs all inappropriately contain an interactive element nested within them.

Additional manual findings using NVDA screen reader

1. **SC 4.1.2 A** – The ‘Add to Cart’ link appears to be disabled however links do not support a disabled state. As a result, the control is inappropriately identified as a link and furthermore because it is not programmatically disabled the control is also low in contrast as noted in the Automated findings section above.
2. **SC 1.4.11 AA** – In the results panel, the Save, Email Page, Share etc. controls do not provide a focus indicator with sufficient focus. A contrast ratio of 2.6:1 was observed where a minimum 3:1 is required
3. **SC 2.4.3 A** – When the right hand ‘search’ panel is collapsed, a screen reader user is still able to navigate to the section and the controls within it.
4. **SC 3.1.2 AA** – In the right hand ‘search’ panel, whenever there are instances of text in a language that is different from the primary page language, the change in language for the affected text is not programmatically defined.
5. **SC 4.1.2 A** – In the right hand ‘search’ panel, the ‘Product Details’, ‘Collection Information’ and ‘Related

Content' controls are inappropriately identified as tab widgets when they do not provide any tab widget functionality.

6. **SC 1.4.3 AA** – In the 'Contents' tab, when a mouse user hovers over a list item, all links within the hovered area become low in contrast with a 3.96:1 contrast ratio where a minimum 4.5:1 ratio is required.

4. Advanced Search

Source: https://brill.com/search?level=all&o_1=OR&q0=International+law&q1=crime

Test case: Test advanced search page by adding a row of International Law “or” crime.

The screenshot shows the Brill website's search results page. On the left is a 'Refine Search' sidebar with filters for 'International' and 'crime'. The main content area displays search results for 'Organized Crime and International Criminal Law' by Kathrin Strobel. The page includes a search bar, filters, and a list of search results.

Refine Search

All International

Or All crime

[+] Add row

Clear Search

Product Type

- + Book 6,473
- + Journal 126
- + Reference Work 123
- + Primary Source Collection 91

Imprint

Subject

Search Results

You are looking at 1 - 10 of 236,311 items for :

All: International law nullAll: crime Search level: All Clear All

Download Citations

Items per page 10

Sort by Relevance

Page: 1 2 3 4 5 6 7 8 9 10 11 ...

Organized Crime and International Criminal Law

History, *lex lata* and Developments *de lege ferenda*

Author: Kathrin Strobel

This book presents the first comprehensive study of international criminal jurisdiction over organized crime. Taking into account a broad range of profit generating crimes including human

Copyright Year: 2021
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USD \$162.00
Hardback

Feedback

Automated findings using Axe

1. **SC 4.1.2 A** – The ‘Download Citations’ control is inappropriately using the aria-expanded attribute, because its semantic role does not support it.
2. **SC 4.1.2 A** – The “Or” select control (the operator) in the Refine Search section is missing a programmatic name.
3. **SC 4.1.2 A** – The “From” and “To” select controls in the Copyright Date section are missing a programmatic name.

Additional manual findings using NVDA screen reader

Not completed due to insufficient time.