

High-level accessibility review – BTAA (DocuSeek2)

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DocuSeek2

Summary (top 3 problems for DocuSeek2)

This assessment covers portions of the DocuSeek2 application. The assessment revealed some problems with screen reader compatibility, resulting in screen reader users sometimes missing critical information needed to understand how to operate the features.

1. **Session timeouts** – there are no warnings when a session has a time out. The user is not informed it has happened or can extend the session unless they notice the header has the option to “Log In”. People with disabilities such as blindness, low vision, mobility impairments, and cognitive limitations may require more time to read content or to perform functions such as filling out online forms. If a session has a time limit, it may be difficult or impossible for some users to perform the required action before a time limit occurs. People must have the ability to turn off or extend time limits while interacting with content. Giving people the ability to turn off or extend the time helps ensure that they can complete tasks.
2. **Keyboard Navigation** – the pages have items that cannot work using the keyboard alone. The focus might not be visible or the keyboard cannot focus items at all. Some people cannot use a mouse due to vision or motor disabilities. Content that can be operated with a mouse must also be made operable with keyboard. When content is operable through a keyboard, it becomes operable by a variety of assistive technologies such as speech input software, sip-and-puff software, on-screen keyboards, scanning software, and alternate keyboards.
3. **Link context** – links in the pages are often not using the context or allowing a user to work out the visual context when they use a screen reader especially when the visual text is hidden from assistive technology. When link text - along with its immediately surrounding content - does not completely describe the destination of a link, people who are blind, and people with mobility impairments, reading disabilities, and low vision may have more difficulty understanding the purpose of a link so they can decide whether they want to follow the link. In order to sufficiently describe a link's destination, the link text and its immediately surrounding content must provide a complete description of the destination. (Note: Whenever possible, provide link text that identifies the purpose of the link without needing to refer to surrounding content.) Meaningful link text helps people choose which links to follow without requiring complicated strategies to understand the page.

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 Firefox and Chrome. Details here: <https://www.deque.com/products/axe/>.

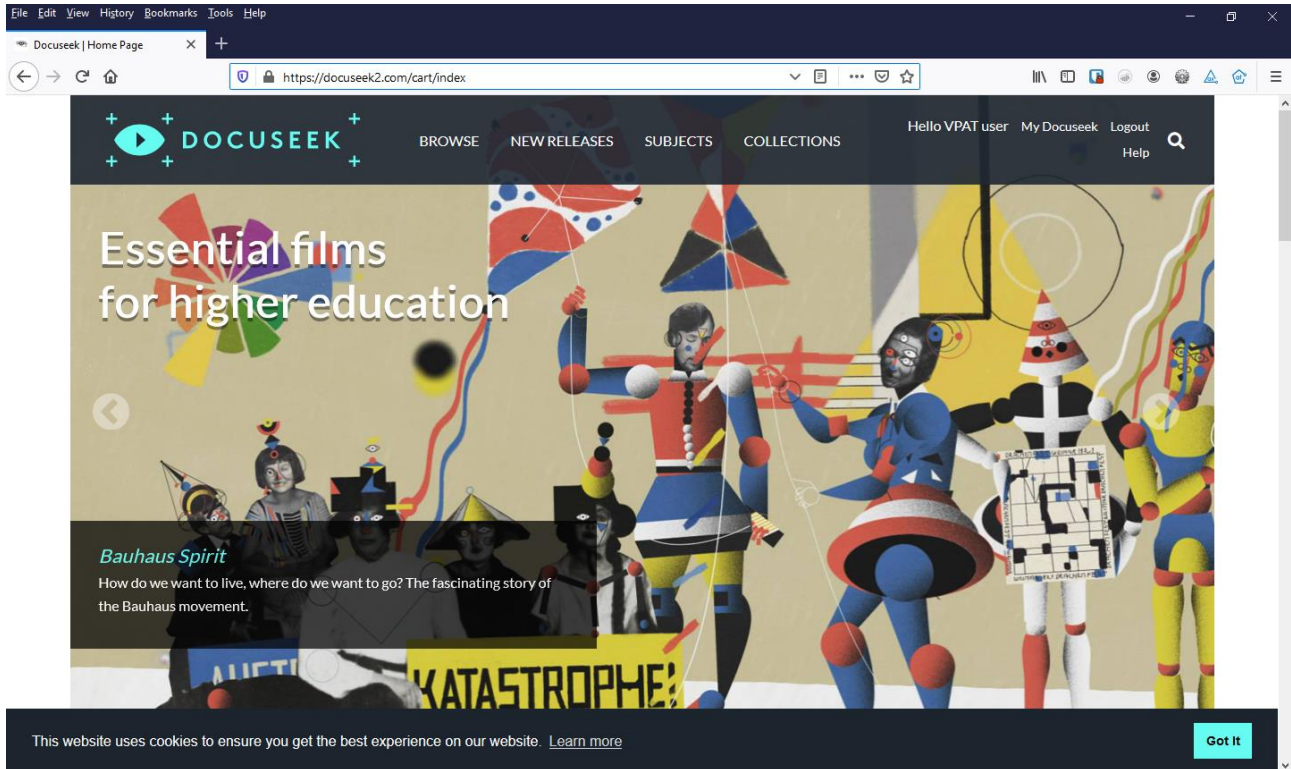
Additional manual findings using NVDA screen reader

1. **SC 2.2.1** – The session will time out without any warning and in less than 20 hours.

1. DocuSeek2 Landing Page

Source: <https://docuseek2.com/cart/index>

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



Automated findings using Axe

1. **SC 4.1.2** - ARIA hidden element must not contain focusable elements
2. **SC 4.1.1** - id attribute value must be unique

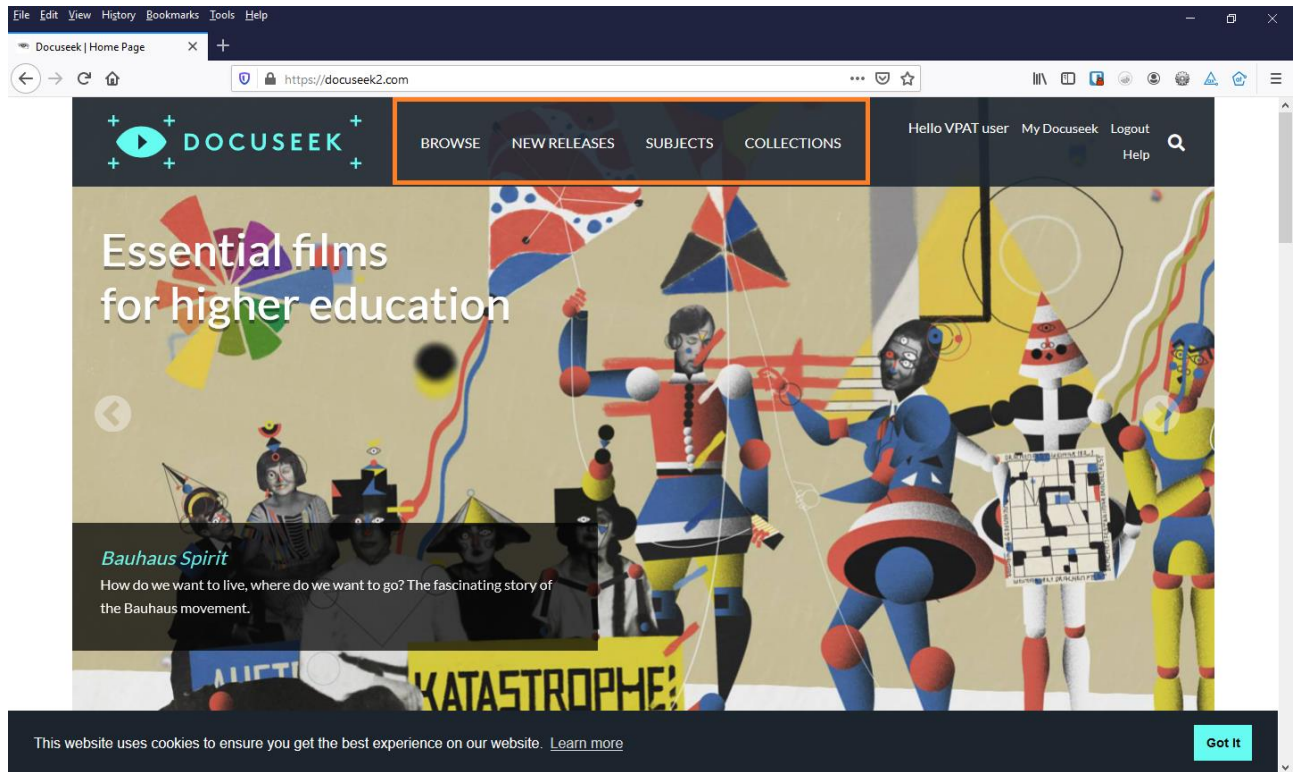
Additional manual findings using NVDA screen reader

1. **SC 2.4.7** – Keyboard focus is not always visible on buttons like carousel navigation.
2. **SC 1.1.1** – Image buttons for the carousel are not given a valid text alternative.
3. **SC 1.4.3** – The text in the carousel is over images that can cause the contrast ratio to be below 3:1.
4. **SC 4.1.2** – The carousel does not allow the screen reader to know how many slides there are, or which page the focus is on.

2. Browse Options

Source: <https://docuseek2.com/cart/index>

Test case: From initial interface, test switching between the different browse options for end users (Browse, New Releases, Subjects, Collections), and features on each option for accessibility.



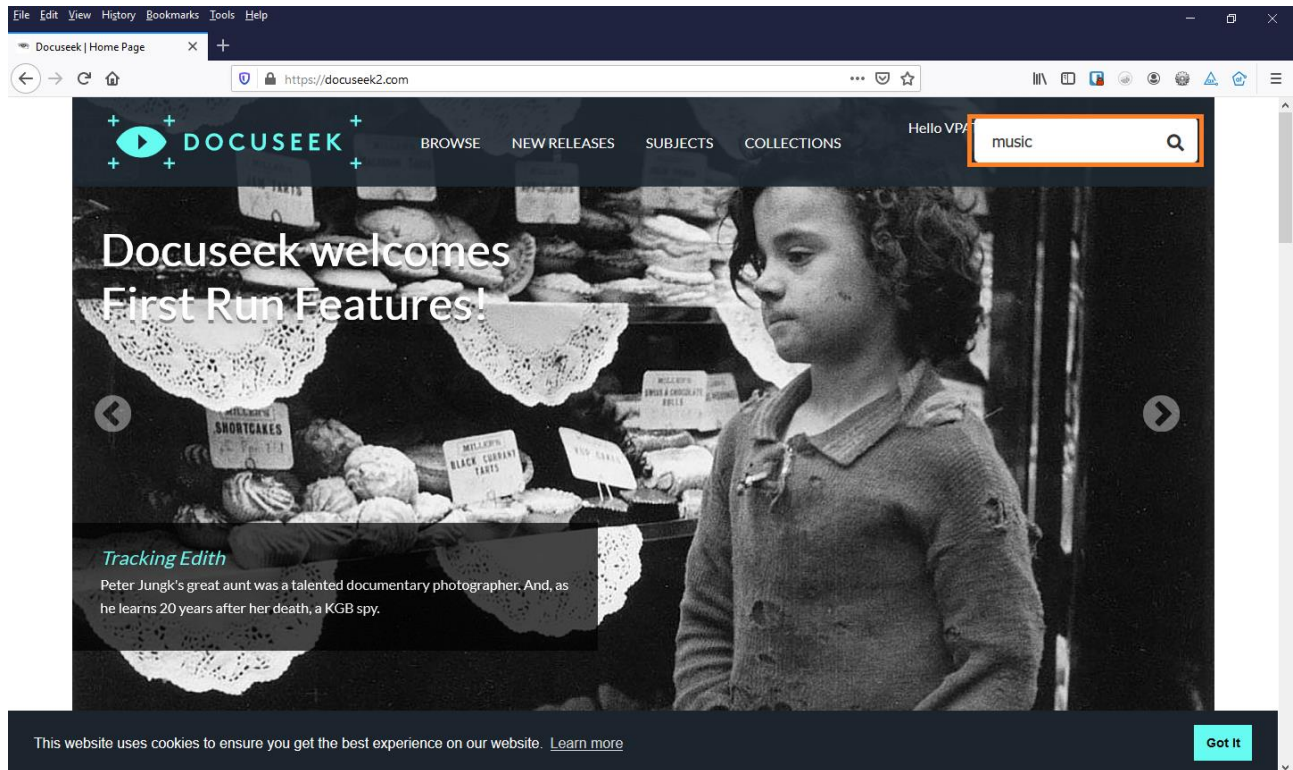
Additional manual findings using NVDA screen reader

1. **SC 1.4.1**– Link text is not a different color from surrounding text. With no other link indicator unless they are hovered, a user cannot see where links are in the page.

3. Search Music

Source: <https://docuseek2.com/cart/index>

Test case: Click on the magnifying glass/search icon (upper right) and search “music”.



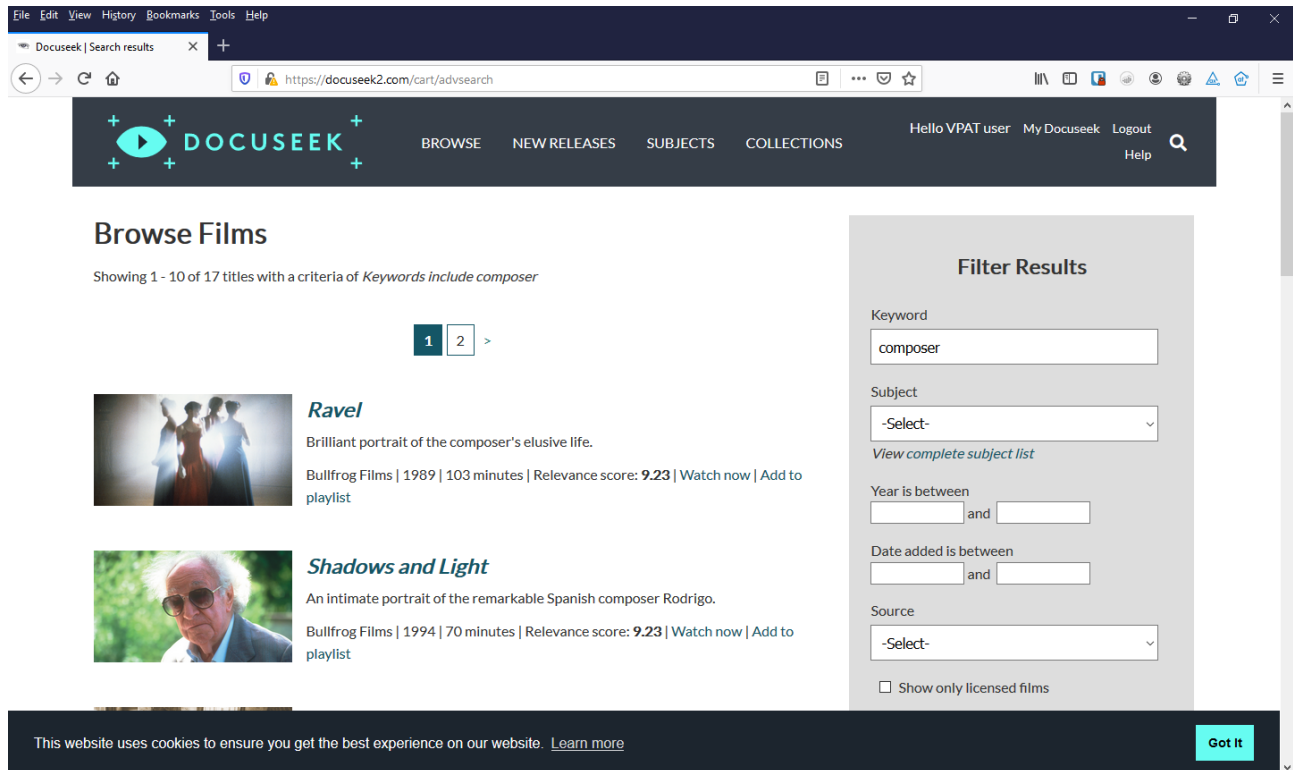
Additional manual findings using NVDA screen reader

1. **SC 2.4.7** – Keyboard focus is not visible on the search button.
2. **SC 2.1.1** – The search button will only show the search field using the mouse.
3. **SC 2.1.1** – The user cannot submit a search with the mouse but using the keyboard only.

4. Search Results Page

Source: <https://docuseek2.com/cart/advsearch/hf>

Test case: Test results page, including Filter options. For Filter, do two filters: year range 1990-2000 and then new keyword “composer” (must remove word “music” first)



The screenshot shows a web browser window displaying the Docuseek search results page. The URL is <https://docuseek2.com/cart/advsearch>. The page features a navigation bar with the Docuseek logo and menu items: BROWSE, NEW RELEASES, SUBJECTS, and COLLECTIONS. The user is logged in as 'Hello VPAT user'. The main content area is titled 'Browse Films' and shows 'Showing 1 - 10 of 17 titles with a criteria of Keywords include composer'. There are two film results visible: 'Ravel' (1989, 103 minutes, relevance score 9.23) and 'Shadows and Light' (1994, 70 minutes, relevance score 9.23). A 'Filter Results' sidebar on the right shows the search criteria: Keyword 'composer', Subject '-Select-', Year is between (empty), Date added is between (empty), and Source '-Select-'. There is a checkbox for 'Show only licensed films' which is unchecked. A cookie notice is visible at the bottom of the page.

Automated findings using Axe

1. **SC 4.1.2** - ARIA hidden element must not contain focusable elements (this relates to the visual link text for each result being heard as “blank” with a screen reader).
2. **SC 4.1.2** - ARIA attributes must conform to valid values
3. **SC 4.1.1** - IDs of active elements must be unique
4. **SC 1.3.1** - and must only directly contain , <script> or <template> elements

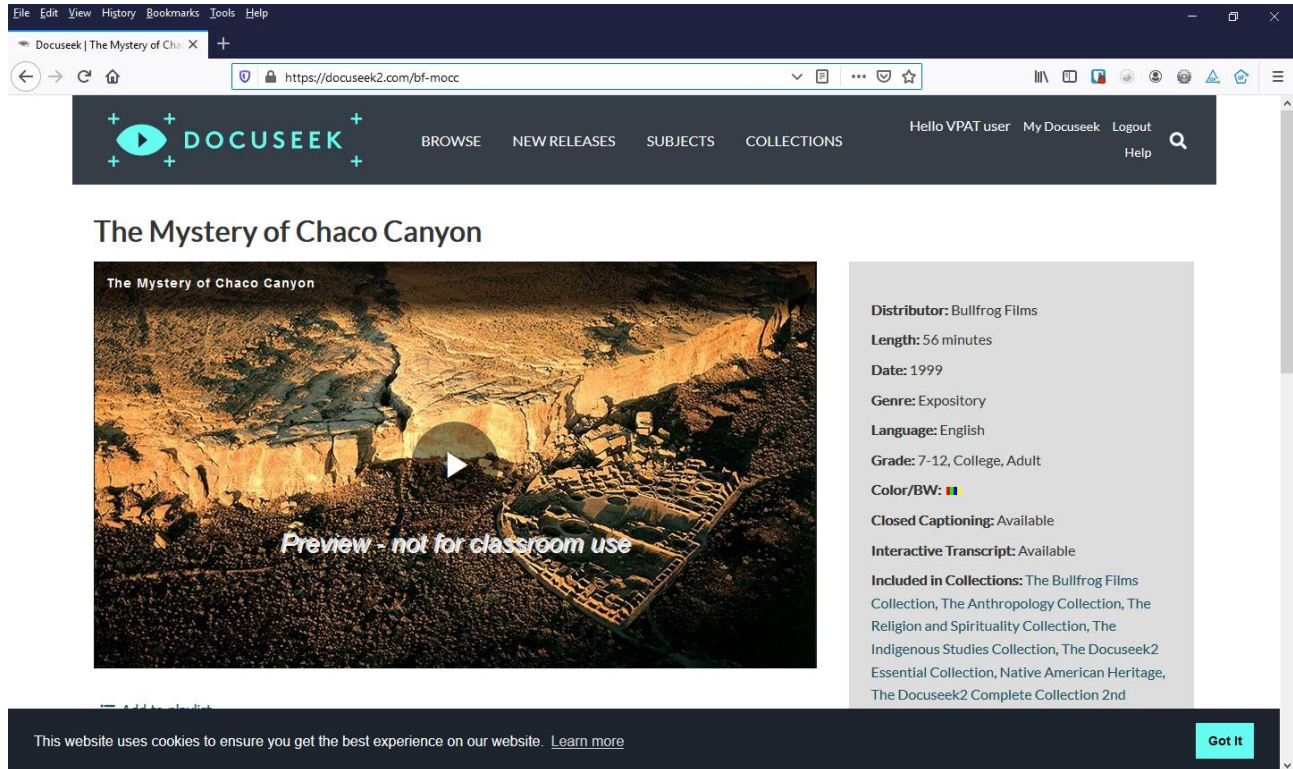
Additional manual findings using NVDA screen reader

1. **SC 1.3.1** – Grouped fields are not linked to the owning visual label.
2. **SC 2.4.4** – The page links do not have context that are given visually that they navigate the pages of results.
3. **SC 2.1.1** – Calendar controls cannot be focused with the keyboard.


5. The Mystery of Chaco Canyon Film

Source: <https://docuseek2.com/bf-mocc>

Test case: Click on Search, enter “Mystery of Chaco Canyon”. Click on the title to enter film page. Play film, test for accessibility, including Interactive Transcript.



The screenshot shows a web browser window displaying the Docuseek2 website. The page title is "The Mystery of Chaco Canyon". The main content area features a video player with a play button and the text "Preview - not for classroom use" overlaid on the video. To the right of the video player is a metadata sidebar with the following information:

- Distributor: Bullfrog Films
- Length: 56 minutes
- Date: 1999
- Genre: Expository
- Language: English
- Grade: 7-12, College, Adult
- Color/BW: 
- Closed Captioning: Available
- Interactive Transcript: Available
- Included in Collections: The Bullfrog Films Collection, The Anthropology Collection, The Religion and Spirituality Collection, The Indigenous Studies Collection, The Docuseek2 Essential Collection, Native American Heritage, The Docuseek2 Complete Collection 2nd

At the bottom of the page, there is a cookie notice: "This website uses cookies to ensure you get the best experience on our website. [Learn more](#)" and a "Got It" button.

Additional manual findings using NVDA screen reader

1. **SC 1.4.4** – The options for the video closed captions has the visual text cut off inside the video.

6. Pushin' Forward Film

Source: <https://docuseek2.com/fn-forw>

Test case: Click on Subjects, choose "Recreation and Sports". Go to page 4, watch the film "Pushin' Forward"

The screenshot shows a web browser window displaying the Docuseek2 website. The browser's address bar shows the URL <https://docuseek2.com/fn-forw>. The website's navigation bar includes the Docuseek logo, a search bar, and menu items for BROWSE, NEW RELEASES, SUBJECTS, and COLLECTIONS. The user is logged in as 'Hello VPAT user'. The main content area features the title 'Pushin' Forward' above a video player. The video player shows a person wearing a helmet and a red tank top, sitting in the back of a vehicle. To the right of the video player is a metadata box with the following information: Distributor: The Fanlight Collection; Length: 39 minutes; Date: 2007; Genre: Expository; Language: English; Color/BW: [Color]; Closed Captioning: Available; Included in Collections: The Fanlight Collection, The Health and Health Care Collection, The Docuseek2 Complete Collection 2nd Edition, Nanyang Final. Below the video player are options to Embed, Make a clip, and Add to playlist. At the bottom, there are tabs for Description, Reviews, Credits, Cataloging, and Clips, with 'Description' currently selected.

No additional issues were found

7. Advanced Search

Source: <https://docuseek2.com/cart/advsearchoptions>

Test case: Go to Browse, click on Advanced Search. In “Awards Contain” box, enter “Academy Award”; under “Grade Level”, choose “Adult”, click on Find Titles

File Edit View History Bookmarks Tools Help

Docuseek | Advanced search

https://docuseek2.com/cart/advsearchoptions#

DOCUSEEK

BROWSE NEW RELEASES SUBJECTS COLLECTIONS

Hello VPAT user My Docuseek Logout Help

Advanced search

Enter your search criteria below, then click the Find Titles button. Click the Clear Search button to clear any criteria you selected. [Get more help on searching.](#)

Show only titles available for streaming
 Show Essential collection titles only

Include in search results

Search all movies Search "My Movies" only Search movies I do not have a license to view

Keywords

See [Search Help](#) for information on keyword searching.

OCLC number

Length is between and minutes

Year is between and

Subject

[View complete subject list](#)

Genre

Language

Availability

Title

Credits contain

Awards contain

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Automated findings using Axe

1. **SC 4.1.2** - ARIA attributes must conform to valid values

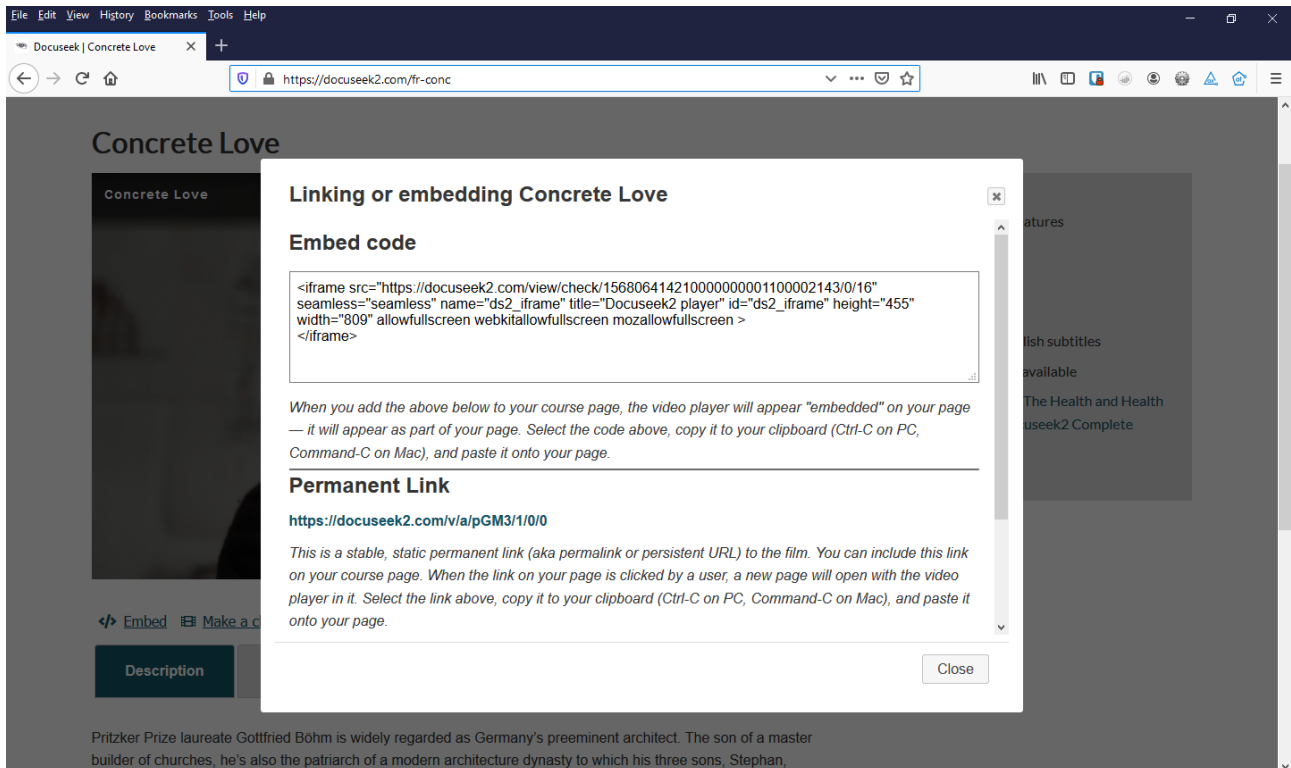
Additional manual findings using NVDA screen reader

1. **SC 1.3.1** – Grouped fields that are not checkboxes are not linked to the owning visual label.
2. **SC 2.1.1** – Calendar controls cannot be focused with the keyboard.

8. Embed Video

Source: <https://docuseek2.com/fr-conc>

Test case: Choose any film from previous search, click “Embed”



Additional manual findings using NVDA screen reader

1. **SC 2.4.3** – The focus does not return to the trigger when the dialog is closed.