Issue Report

Site quality report for https://ioc.kmi.open.ac.uk/ produced on October 29, 2024.

Accessibility   10 pages with accessibility problems

Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

Level A

5 issues on 4 pages

🔴 An element with `role=tab` must be contained in, or owned by, an element with `role=tablist`

Roles that are part of composite structures like tables or tabs must be owned by the correct parent role. For example, `role=cell` elements must be owned by a `role=row` element.

[HTML5](#) [WCAG 2.1 A 1.3.1](#) [Section 508 (2017) A 1.3.1](#)

Owner `role=listitem` Owner `role=listitem`
https://ioc.kmi.open.ac.uk/skill/computer_science line 252 255

Owner `role=listitem` Owner `role=listitem`
https://ioc.kmi.open.ac.uk/skill/issuers line 252 255

🔴 Elements with `role=tablist` must contain or own an element with `role=tab` and must not contain elements with other roles.

[HTML5](#) [ARIA 1.2](#) [WCAG 2.1 A 1.3.1](#) [Section 508 (2017) A 1.3.1](#)

Owned roles: `listitem` https://ioc.kmi.open.ac.uk/skill/computer_science line 250

Owned roles: `listitem` https://ioc.kmi.open.ac.uk/skill/issuers line 250

🔴 HTML form control has no accessible name.

- Use a label element with the for attribute set to the ID of the form control
- Wrap a label element around the form control
- Add a title attribute
- Add an aria-label attribute
- Add an aria-labelledby attribute

[WCAG 2.1 A F68](#) [Section 508 (2017) A F68](#)

https://ioc.kmi.open.ac.uk/skill line 163

● Indicating links using only a text color change does not work for color-blind users.

Remove the `text-decoration:none` property from your link styles, or add other style attributes in addition to color changes to make links visible to people without color vision. If the non-color cue only happens when the mouse hovers over the link or when the link receives focus, it is still a failure.

WCAG 2.1 A F73 Section 508 (2017) A F73

https://ioc.kmi.open.ac.uk/cookies line 209 214 223

● The element `main` must not appear as a descendant of the `main` element.

HTML5 WCAG 2.1 A 1.3.1 Section 508 (2017) A 1.3.1

https://ioc.kmi.open.ac.uk/skill/computer_science line 240

https://ioc.kmi.open.ac.uk/skill/issuers line 240

Level AA

2 issues on 10 pages

◐ Ensure that text and background colors have enough contrast.

• The contrast ratio should be 3.0 or more for 18 point text, or larger
• The contrast ratio should be 3.0 or more for 14 point bold text, or larger
• The contrast ratio should be 4.5 or more for all other text

WCAG 2.1 AA 1.4.3 Section 508 (2017) AA 1.4.3

The text color to background color contrast ratio after composition is: with `color: rgb(255,255,255)` `background: rgb(30,181,232)` `font-size: 14.06pt` `font-weight: 700` https://ioc.kmi.open.ac.uk/ line 1

The text color to background color contrast ratio after composition is: with `color: rgb(24,188,156)` `background: rgb(255,255,255)` `font-size: 10.50pt` `font-weight: 400` with `color: rgb(24,188,156)` `background: rgb(255,255,255)` `font-size: 10.50pt` `font-weight: 400` with `color: rgb(24,188,156)` `background: rgb(255,255,255)` `font-size: 10.50pt` `font-weight: 400` with `color: rgb(24,188,156)` `background: rgb(255,255,255)` `font-size: 10.50pt` `font-weight: 400`
https://ioc.kmi.open.ac.uk/cookies line 209 214 223

The text color to background color contrast ratio after composition is: with `color: rgb(255,255,255)` `background: rgb(132,107,172)` `font-size: 11.25pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/skill line 165

The text color to background color contrast ratio after composition is: with `color: rgb(255,255,255)` `background: rgb(132,107,172)` `font-size: 10.50pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/skill/computer_science line 252

The text color to background color contrast ratio after composition is: with `color: rgb(255,255,255)` `background: rgb(132,107,172)` `font-size: 10.50pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/skill/issuers line 252

⬤ The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See :focus-visiblefor more information.
• Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
• Firefox (obscures the focus indicator on links)

WCAG 2.1 AA F78 Section 508 (2017) AA F78

`outline-style:none` or `outline-width:0` `outline-style:none` or `outline-width:0` `outline-style:none` or `outline-width:0` `outline-style:none` or `outline-width:0` `outline-style:none` or `outline-width:0`
https://ioc.kmi.open.ac.uk/ line 1   ...

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https://ioc.kmi.open.ac.uk/alignments line 122 123 166 170 ...

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https://ioc.kmi.open.ac.uk/badges line 122 123 166 170 ...

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https://ioc.kmi.open.ac.uk/badges/list/view line 122 123 203 207 ...

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https://ioc.kmi.open.ac.uk/criteria line 122 123 166 170 ...

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https://ioc.kmi.open.ac.uk/issuers line 122 123 167 171 ...

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https://ioc.kmi.open.ac.uk/skill line 122 123 185 189 ...

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https://ioc.kmi.open.ac.uk/skill/computer_science line 122 123 304 308 ...

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https://ioc.kmi.open.ac.uk/skill/issuers line 122 123 304 308 ...

Level AAA

2 issues on 10 pages

⬤ Each section of content should begin with a heading element (`h1` , `h2` , `h3`), but this page has no headings.

In HTML place headings before each section of content, making sure the main heading is `h1` , sub-headings are `h2` and so on. For PDFs produced from Word, use the Heading 1, Heading 2 and Heading 3 styles.

WCAG 2.1 AAA 2.4.10

https://ioc.kmi.open.ac.uk/alignments line 1

https://ioc.kmi.open.ac.uk/badges line 1

https://ioc.kmi.open.ac.uk/criteria line 1

https://ioc.kmi.open.ac.uk/issuers line 1

⬤ Ensure that text and background colors have a 7:1 contrast ratio.

• The contrast ratio should be 4.5 or more for 18 point text, or larger
• The contrast ratio should be 4.5 or more for 14 point bold text, or larger
• The contrast ratio should be 7.0 or more for all other text

WCAG 2.1 AAA 1.4.6

The text color to background color contrast ratio after composition is: with `color: rgb(85,85,85)` `background: rgb(241,242,247)` `font-size: 9.60pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/ line 1

The text color to background color contrast ratio after composition is: with `color: rgb(85,85,85)` `background: rgb(241,242,247)` `font-size: 9.60pt` `font-weight: 400` with `color: rgb(85,85,85)` `background: rgb(241,242,247)` `font-size: 9.60pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/alignments line 122 123

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`font-size: 9.60pt` `font-weight: 400` https://ioc.kmi.open.ac.uk/skill/issuers
line 122 123

Informative

These messages are for information only and do not indicate errors or conformance problems.

○ WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

[WCAG 2.1 4.1.1](#)

https://ioc.kmi.open.ac.uk/ line 1