



High-level Indicative Accessibility Audit

YORK HOSPITALS NHS TRUST

OCTOBER 2020

Audit Details

An audit of web accessibility was conducted using a combination of semi-automated evaluation tools and manual evaluation by Smarter Digital Services. The level of the audit was to WCAG2.1AA standard. The audit results in this report are based on an audit conducted on the following date(s): 5th to 9th October 2020 on the templates used on the York Hospitals NHS Trust website.

For the purposes of this high-level indicative audit, only **Serious/Critical errors** are shown as indicated by Axe accessibility checker and Siteimprove. A more comprehensive audit would indicate warnings and reviews.

The website may have changed since that time. Additional information on the audit process is available in the [Service Manual at GOV.UK](#).

Website reviewed:	https://www.yorkhospitals.nhs.uk/
Reviewed by:	Jane Haselden

Review Process

Tools and Testing Methods

Accessibility Tools	Manual Testing	Screenreader Testing (NVDA or VoiceOver)
Sitelymprove	Keyboard testing: navigation and focusable items	Quality and accuracy of link text and image attributes
Axe	Check for links with ambiguous link text	Spelling mistakes and reading order
HTML CodeSniffer	Check for alt attributes	Interactivity with custom controls
WAVE	Check form elements: descriptive labels and/or ARIA attributes	Accuracy of ARIA properties
	Zoom readability/usability	Accessibility of dynamic changes: predictive search, page content that changes on activation, filtered listings

Legend:



Errors: Issues which have been automatically determined as failures to meet success criteria in the Web Content Accessibility Guidelines (WCAG).

Not covered in this High-level report:



Warnings: Issues which have been automatically determined as failures to meet best practices in the Web Content Accessibility Guidelines (WCAG).



Reviews: Potential failures to meet best practices or success criteria in the Web Content Accessibility Guidelines (WCAG), which can only be confirmed by a manual inspection.



Results and Recommendations: Global issues


<https://www.yorkhospitals.nhs.uk>


Global issues – sitewide

<https://www.yorkhospitals.nhs.uk>

Level A and AA Violations

Violation	Element Location	Recommended Fix	Success Criteria
 <p>Zooming and scaling must not be disabled</p>	<pre><meta name="viewport" content="initial-scale=1,user-scalable=yes,maximum-scale=1"></pre>	<p>Ensures <meta name="viewport"> does not disable text scaling and zooming.</p> <p>Fix the following:</p> <ul style="list-style-type: none"> Maximum-scale on <meta> tag disables zooming on mobile devices. 	<p>1.4.4 Resize text https://dequeuniversity.com/rules/axe/3.5/meta-viewport</p>
 <p>All page content must be contained by landmarks</p>	<p>Sitewide.</p> <p>Ensures all page content is contained by landmarks.</p>	<p>Screen reader users can navigate to a section based on its HTML element or ARIA Landmark. For example, you might use ARIA Landmarks to provide a simple</p>	<p>1.3.1 Info and Relationships 2.4.1 Bypass blocks <i>Best practice (not a fail):</i> https://www.w3.org/WAI/WCA/G21/Techniques/general/G124</p>

		<p>replacement for a skip navigation link, though the replacement is only useful for users of screen readers. Sighted users or people using screen enlargers won't benefit from the addition, so it's not a good practice to substitute ARIA landmarks for skip navigation links altogether.</p>	<p>https://www.w3.org/TR/WCAG20-TECHS/ARIA11.html</p> <p>https://dequeuniversity.com/rules/axe/4.0/region</p>
 <p>Focus indicator is missing</p>	<p>Homepage:</p> <ul style="list-style-type: none"> • Browsealoud icon. • Magnifying glass. • Translate into: box. • Flags. <p>Work with us/Vacancies page:</p> <ul style="list-style-type: none"> • Search button <p>The visual focus indicator is missing.</p>	<p>All focusable elements MUST have a visual focus indicator when in focus.</p> <p>When a visible keyboard focus indicator is not provided, sighted keyboard users will have no idea which link or control has focus making it extremely difficult, if not impossible, to interact with the content. Focus indicators with good contrast make it much easier to track focus as a keyboard user navigates through the page.</p> <p>Fix: add focus visible coding, eg.</p>	<p>2.4.7 Focus Visible</p> <p>https://axe.deque.com/rule-help/en/focus-indicator-missing</p> <p>https://www.w3.org/TR/UNDERSTANDING-WCAG20/navigation-mechanisms-focus-visible.html</p>

		<pre><style> a:focus { outline: 2px solid #8cc63f; background-color: #fdf6e7; } </style></pre>	
 <p>Form elements must have labels</p>	<p>Search the website field.</p>	<p>Ensures every form element has a label. Form <input> elements must have a name available to an accessibility API.</p> <p>Fixes:</p> <ul style="list-style-type: none"> • Add an aria-label attribute • Add an implicit (wrapped) form element <label> • Add an explicit form element <label> 	<p>1.3.1 Info & Relationships, 4.1.2 Name, Role, Value https://dequeuniversity.com/rules/axe/4.0/label https://www.w3.org/WAI/WCA/G21/Techniques/html/H91</p>
	<pre><input type="text" name="search" placeholder="Search the website"></pre>		
	<p>AND</p> <p>Translate into: field.</p> <pre><select name="lang" id="lang" style="color: #999; font-size: 100%;" onchange="if(document.getEl ementById('lang').value != '') { document.location.href = '?r'+document.getElementByI d('lang').value+'#googtrans /en/' +</pre>		


```
document.getElementById('language').value; }">
```



Links that are not visually evident without colour vision

Sitewide

In body copy, blue links fail contrast against the body copy where underline is not visually present.

Link Contrast Checker

[Home](#) > [Resources](#) > Link Contrast Checker

Link Color: #005EB8
Body Text Color: #303030
Background Color: #FFFFFF

The five boxing wizards jump quickly.

Link to Body Text
WCAG A: Fail
2.06:1

For usability and accessibility, links should be underlined by default. Otherwise, link text must have at least 3:1 contrast with surrounding body text, and must present a non-colour indicator (typically underline) on mouse hover and keyboard focus.

In addition, both links and body text must have at least 4.5:1 contrast with the background (3:1 for large text) to meet WCAG 2 Level AA.


1.4.1 – Use of Colour



<https://www.w3.org/TR/WCAG20-TECHS/F73.html>




Link contrast checker:


<https://webaim.org/resources/linkcontrastchecker/>


 <p>Text elements must have sufficient colour contrast against the background</p>	<p>Search the website text in search field and Translate Into: fields.</p> <pre><input type="text" name="search" placeholder="Search the website"></pre> <pre><select name="lang" id="lang" style="color: #999; font-size: 100%;" onchange="if(document.getEl ementById('lang').value != '') { document.location.href = '?r'+document.getElementByI d('lang').value+'#googtrans /en/' + document.getElementById('la ng').value; }"></pre>	<p>Ensures the contrast between foreground and background colours meets WCAG 2.1 AA contrast ratio thresholds.</p> <p>Use a colour contrast evaluator to determine if text and background colours provide a contrast ratio of 4.5:1 for standard text, or 3:1 for larger text. Change colour codes to produce sufficient contrast.</p> <p>Element has insufficient colour contrast of 2.77 (foreground colour: #9b9b9b, background colour: #ffffff, font size: 10.4pt (13.8125px), font weight: normal). Expected contrast ratio of 4.5:1</p> <p>Translate into field is 2.84.</p> <p>Suggest matching menu text colour of #425563.</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p> <p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>
 <p>Text elements must have sufficient</p>	<p>The secondary dropdown on the sub-menu – eg. on GP Hub page and the York Hospital page as well as others with</p>	<p>Ensures the contrast between foreground and background</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p>

<p>colour contrast against the background</p>	<p>submenus. eg.</p> <pre>Order patient leaflets</pre>	<p>colours meets WCAG 2.1 AA contrast ratio thresholds.</p> <p>Use a colour contrast evaluator to determine if text and background colours provide a contrast ratio of 4.5:1 for standard text, or 3:1 for larger text. Change colour codes to produce sufficient contrast.</p> <p>Element has insufficient colour contrast of 3.75 (foreground colour: #768692, background colour: #ffffff, font size: 9.3pt (12.4312px), font weight: bold). Expected contrast ratio of 4.5:1</p> <p>Suggest matching menu text of #425563.</p>	<p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>
<p> Text elements must have sufficient colour contrast against the background</p>	<p>Two main news images in the footer with blue band across the bottom and white text.</p> <p>The images must always have a dark background towards the bottom to make the semi</p>	<p>Elements have insufficient colour contrasts. Expected contrast ratio of 4.5:1.</p> <p>Fix: Recommendation would be to make these blue bars solid.</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p> <p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>

	transparent area dark enough to provide contrast with the white text.		
 <p>Text elements must have sufficient colour contrast against the background</p>	<p>Council of Governors page</p> <p>White text out of blue, yellow, red and green backgrounds</p> 	<p>Ensures the contrast between foreground and background colours meets WCAG 2.1 AA contrast ratio thresholds.</p> <p>Use a colour contrast evaluator to determine if text and background colours provide a contrast ratio of 4.5:1 for standard text, or 3:1 for larger text. Change colour codes to produce sufficient contrast.</p> <p>Elements have insufficient colour contrasts. Expected contrast ratio of 4.5:1.</p> <p>White out of blue fails. White out of yellow fails. White out of red passes. White out of green fails.</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p> <p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>

 <p>Text elements must have sufficient colour contrast against the background</p>	<p>York Teaching Hospital Charity/Fundraise for us page.</p> 	<p>Green text on blue. Blue text on green.</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p> <p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>
 <p>1) Certain ARIA roles must contain particular children</p> <p>AND</p> <p>2) ARIA input fields must have an accessible name</p>	<p>Find your hospital dropdown form.</p> <pre><div id="hospitalSelectBoxIt" class="selectboxit selectboxit-widget ui- widget ui-state-default" name="" tabindex="0" unselectable="on" role="combobox" aria-</pre>	<p>1) Ensures elements with an ARIA role that require child roles contain them.</p> <p>Fix:</p> <ul style="list-style-type: none"> • Required ARIA child role not present: textbox <p>2) Ensures every ARIA input field has an accessible name.</p>	<p>1) 1.3.1 Info & Relationships https://dequeuniversity.com/rules/axe/4.0/aria-required-children</p> <p>2) 4.1.2 Name, Role, Value https://dequeuniversity.com/rules/axe/4.0/aria-input-field-name</p>

	<pre>autocomplete="list" aria-expanded="false" aria-owns="hospitalSelectBoxItOptions" aria-activedescendant="0" aria-label="" aria-live="assertive"></pre>	<p>Fixes:</p> <ul style="list-style-type: none"> • Add text that is visible to screen readers • Add an Aria-label attribute • Add an Aria-labelledby attribute 	
 <p>Input buttons must have discernable text</p>	<p>Search magnifying glass 'submit' icon.</p> <pre>.right > .search > form > .input[data-children-count="\31"] > .submitbutton[type="submit"]</pre> <pre><input type="submit" class="submitbutton" value=""></pre>	<p>Ensures input buttons have discernible text.</p> <p>Fixes:</p> <ul style="list-style-type: none"> • Add text that is visible to screen readers • Add an Aria-label attribute • Add an Aria-labelledby attribute 	<p>4.1.2 Name, Role, Value https://dequeuniversity.com/rules/axe/4.0/input-button-name https://www.w3.org/TR/UNDERSTANDING-WCAG20/ensure-compat-rsv.html</p>
<p>No option to skip repeated content</p>	<p>Skip to content and Skip to navigation</p>	<p>Provide a means of bypassing blocks of content that are repeated on multiple web pages.</p> <p>One of the ways to ensure this is to have a link at the top of each page that goes directly to the main content area and/or navigation area.</p>	<p>2.4.1 Bypass Blocks https://www.w3.org/TR/WCAG20-TECHS/general.html#G1 https://www.w3.org/TR/WCAG20-TECHS/general.html#G124</p> <p>See example at: birmingham.gov.uk & GOV.uk</p>

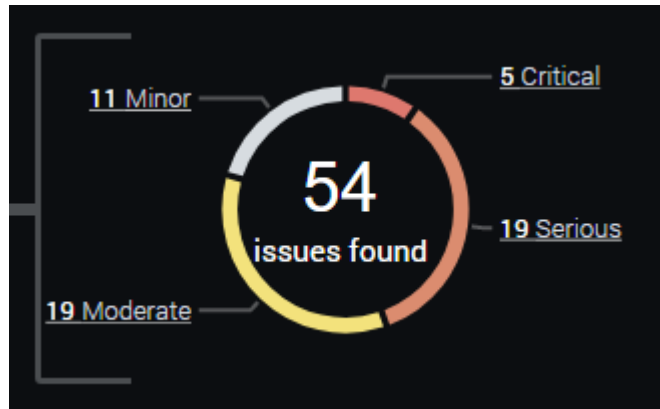
		If the page has a main landmark (e.g. <main> or role="main") it does not require a "skip to content" link.	
 <p>Giving users advanced warning when opening a new window</p>	Sitewide	For each user-activated link that opens automatically in a new window or tab, check that there is a visual warning in text that is also reliably spoken to assistive technologies, announcing that the link opens to a new window or tab.	<p>3.2 Predictable</p> <p>https://www.w3.org/TR/WCAG20-TECHS/G201.html</p>

Results and Recommendations: based on templates

Home page template


→ <https://www.yorkhospitals.nhs.uk>


AXE report:





The Critical and Serious issues are those shown on the Global issues page.

Level A and AA Violations

Violation	Element Location	Recommended Fix	Success Criteria
 <p>Text should not be marked as a heading</p>	<p>Sub-text “Providing care together in York, Scarborough, Bridlington...”</p> <p>Text is inappropriately marked as a heading. Marking it as one using an H1-H6 tag misrepresents structure and info relationships.</p>	<p>Text that does not act as a heading visually or structurally should not be marked as a heading. People who can see are able to quickly scan a page for headings and subheadings to understand the content and structure of a page. People who are blind do not have this ability if heading text is not marked in a way that screen readers can understand.</p> <p>Fix:</p> <ul style="list-style-type: none"> • Remove the inappropriate heading markup. • Replace the heading markup with an appropriate semantic markup such as a <p> element. • Style the text using CSS. 	<p>1.3.1 Info & Relationships https://axe.deque.com/rule-help/en/semantic-heading-misused https://www.w3.org/WAI/WCAG21/Techniques/html/H42.html</p>

 <p>ARIA input fields must have an accessible name</p>	<p>Main slider and buttons.</p> <pre><div class="slick-track" role="listbox" style="opacity: 1; width: 2600px;"></pre>	<p>Ensures every ARIA input field has an accessible name.</p> <p>For the slider images: aria-hidden="true" is used on informative content making it inaccessible to assistive technology.</p> <p>Fixes:</p> <ul style="list-style-type: none"> • Add text that is visible to screen readers • Add an Aria-label attribute • Add an Aria-labelledby attribute 	<p>4.1.2 Name, Role, Value https://dequeuniversity.com/rules/axe/4.0/aria-input-field-name</p>
 <p>Image with insufficient alt attribute</p> <p>AND</p> <p>Links must have discernable text</p>	<p>Element is in tab order and does not have text that is visible to screen readers.</p> <ul style="list-style-type: none"> • Two news images • Staff benefits and wellbeing image • Facebook icon • Twitter icon • Youtube icon 	<p>Add Alt txt to the images.</p> <p>The purpose of each link must be able to be determined from the link text alone, or from the link text and its programmatic context.</p> <p>For the Facebook, Twitter and Youtube icons, as there is no text next to them to enable the icons to be 'read out' by screenreaders, they can't be defined as decorative,</p>	<p>1.1.1 Non-text content https://www.w3.org/TR/WCAG20-TECHS/H37.html</p> <p>2.4.4 Link Purpose (In Context) https://dequeuniversity.com/rules/axe/4.0/link-name</p>

	<pre></pre>	<p>therefore using Font Awesome icons can be tricky. Here is some guidance from Font Awesome in how to overcome this issue:</p> <p>https://fontawesome.com/how-to-use/on-the-web/other-topics/accessibility</p>	
 <p> elements must be contained in a or </p>	<p>Blue top level navigation menu and left sidebar menu on all pages.</p> <p>eg.</p> <pre><li aria-current="page" class="selected" id="home">Home</pre> <pre><li aria-current="page" id="electronicpapers">Electronic Papers</pre>	<p>Ensures elements are used semantically.</p> <p>Fix:</p> <ul style="list-style-type: none"> List item does not have a role="list" <p>When NVDA screenreader reads out the blue navigation, it states "current page" for every link.</p> <p>An informative guide is published here for ways to address navigation accessibility:</p> <p>https://www.w3.org/WAI/tutorials/menus/structure/</p>	<p>1.3.1 Info & Relationships</p> <p>https://dequeuniversity.com/rules/axe/4.0/listitem</p>

 <p>Image with insufficient alt attribute</p>	<p>GP Hub image has incorrect Alt Text.</p> <pre></pre>	<p>The GP Hub has Alt Text stating “Join the Organ Donor Register on 0300 123 23 23” and is therefore incorrect as it does not lead to any page referring to this.</p>	<p>1.1.1 Non-text content https://www.w3.org/TR/WCAG20-TECHS/H37.html</p>
 <p>Link text is too generic in its current context</p>	<p>Our hospitals page - More information links.</p> <p>York Hospital page – Find out more link.</p> <p>About Equality & Diversity – This link and Click here.</p> <p>A-Z/Laboratory Medicine – Read more.</p> <p>... and more sitewide.</p> <p>The link text is generic text that does not identify the link purpose. The link does not seem to have any programmatically determined link context that can</p>	<p>Link texts should be written so they make sense out of context. Generic texts such as “Click here”, “Read more” and “More information” give no indication as to the destination of the links. Also just linking using web URLs is bad practice as the screenreader will read every letter out which can be frustrating for long links.</p> <p>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.</p>	<p>2.4.4 Link Purpose (In Context) https://axe.deque.com/rule-help/en/link-purpose-unclear https://www.w3.org/TR/WCAG20-TECHS/F63</p>

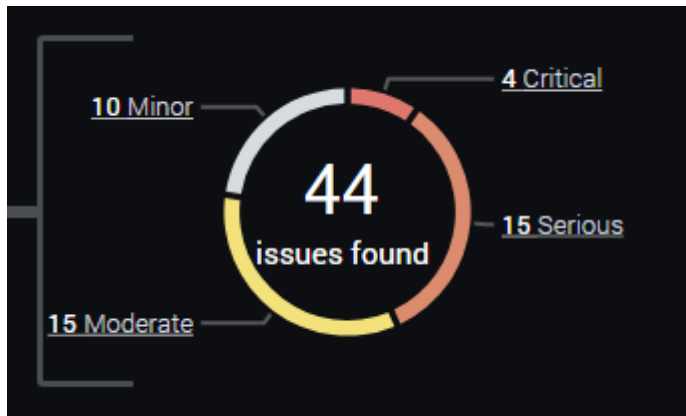
	aid in identifying the purpose either.	Make sure links are distinguishable by just their link texts or WAI-ARIA labels ('aria-labelledby' or 'aria-label') to make it clear that they lead to different destinations.	
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Template:

Header, footer, full width text


→ eg: <https://www.yorkhospitals.nhs.uk/accessibility-statement/>
<https://www.yorkhospitals.nhs.uk/about-us/board-of-directors/whos-who/>

AXE report:



The Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer areas.

Level A and AA Violations

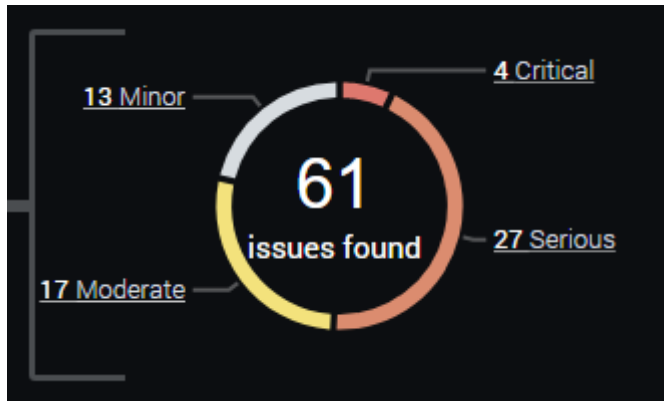
Violation	Element Location	Recommended Fix	Success Criteria
 <p>Text should not be marked as a heading</p>	<p>Accessibility Statement and Board of Directors Who's Who and Online Payment and many more sitewide.</p> <p>There are instances throughout body copy sitewide where H3 subheadings should be H2.</p>	<p>The heading structure is not logically nested. These h3 element should be an h2 to be properly nested.</p>	<p><i>Not a fail but best practice</i> 1.3.1 Info & Relationships https://www.w3.org/WAI/WCAG21/Techniques/general/G141</p>

Template:

Header, footer, left sidebar submenu and text with images


→ eg: <https://www.yorkhospitals.nhs.uk/about-us/>

AXE report:



The Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

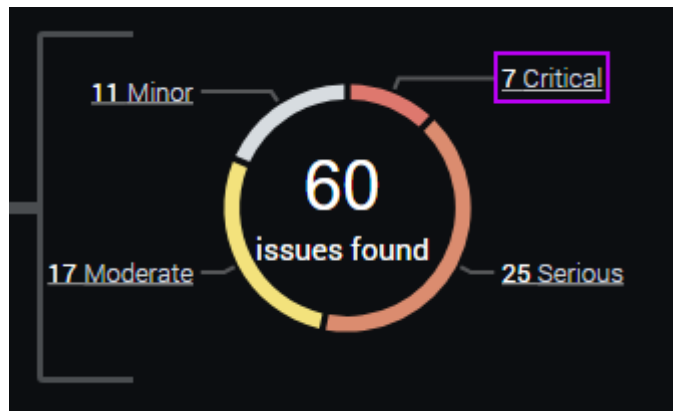
Violation	Element Location	Recommended Fix	Success Criteria
 <p>Image with insufficient alt attribute</p>	<p>Unsuitable alt text for screen readers.</p> <hr/> <pre></pre> <hr/>	<p>Main graphic (such as the main image on the About us page) needs to either be descriptive of the content of the image or marked as decorative. "About-Us_header2" is not descriptive.</p> <p>Add suitable Alt txt to the images or mark as decorative.</p> <hr/> <p>This will be found on multiple locations throughout the website.</p>	<p>1.1.1 Non-text content https://www.w3.org/TR/WCAG20-TECHS/H37.html</p>

Template:

Header, footer, News landing page


→ <https://www.yorkhospitals.nhs.uk/news-amp-media/>

AXE report:



Many of the Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

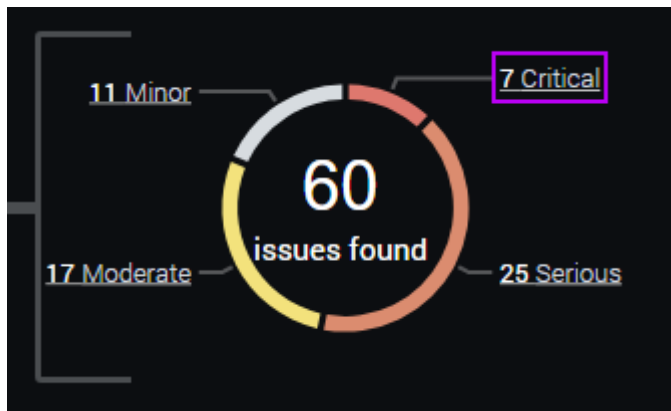
Violation	Element Location	Recommended Fix	Success Criteria
 <p>Image with insufficient alt attribute</p>	<p>The three twitter images shown need to have Alt Text.</p> <hr/> <pre></pre>	<p>Alt Text should be set in Twitter for twitter images displayed on your website.</p> <p>https://havecamerawilltravel.com/photographer/twitter-image-descriptions-accessible/</p>	<p>1.1.1 Non-text content https://www.w3.org/TR/WCAG20-TECHS/H37.html</p>

Template:

Header, footer, Our hospitals landing page


→ <https://www.yorkhospitals.nhs.uk/our-hospitals/>

AXE report:



Many of the Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

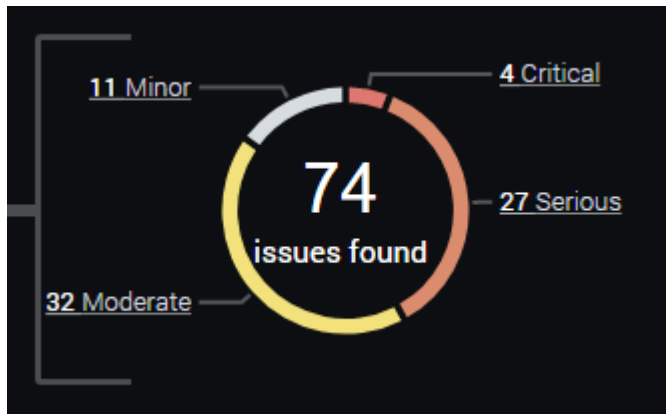
Violation	Element Location	Recommended Fix	Success Criteria
 Image with insufficient alt attribute	6 thumbnail images of hospitals. <pre></pre>	Add suitable Alt txt to the thumbnail images.	1.1.1 Non-text content https://www.w3.org/TR/WCAG20-TECHS/H37.html

Template:

Header, footer, image pop up windows


→ eg. <https://www.yorkhospitals.nhs.uk/about-us/board-of-directors/whos-who/>
<https://www.yorkhospitals.nhs.uk/news-amp-media/international-year-of-the-nurse-and-midwife-2020/>
<https://www.yorkhospitals.nhs.uk/news-amp-media/star-award-finalists-20201/>
<https://www.yorkhospitals.nhs.uk/news-amp-media/star-award-finalists-2019/>
<https://www.yorkhospitals.nhs.uk/news-amp-media/70-years-70-faces/>

AXE report:



Many of the Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

Violation	Element Location	Recommended Fix	Success Criteria
<div style="text-align: center;">  <p>Action cannot be performed by keyboard alone</p> </div>	<p>Pop up window for each staff picture and titles below.</p> <pre><div class="director seecmsgallery" href="#boardofdirectors1" style="cursor:pointer"><div class="image"></div><div class="text"><h3>Susan Symington</h3><p>Chair</p></div></div></pre>	<p>There is no way to perform the function of opening the pop up window using only the keyboard.</p>	<p>2.1.1 Keyboard https://www.w3.org/WAI/WCAG21/Techniques/general/G202</p>

Template:


Header, footer, table

→ eg. <https://www.yorkhospitals.nhs.uk/about-us/board-of-directors/board-of-directors-meetings/>
<https://www.yorkhospitals.nhs.uk/about-us/board-of-directors/board-of-directors-papers/>
<https://www.yorkhospitals.nhs.uk/about-us/council-of-governors/>
<https://www.yorkhospitals.nhs.uk/about-us/council-of-governors/meetings/>
<https://www.yorkhospitals.nhs.uk/our-services/a-z-of-services/neurosciences/>
<https://www.yorkhospitals.nhs.uk/our-services/a-z-of-services/otolaryngology-ear-nose-and-throat/>
<https://www.yorkhospitals.nhs.uk/our-services/a-z-of-services/psychological-medicine/>
<https://www.yorkhospitals.nhs.uk/our-services/a-z-of-services/urology/>

AXE report:

Many Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

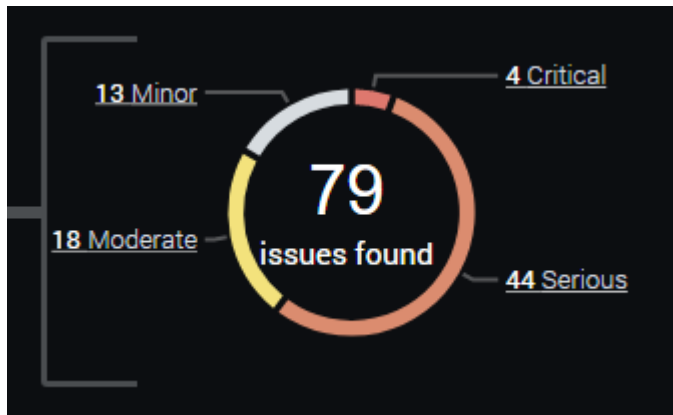
Violation	Element Location	Recommended Fix	Success Criteria
 Using table markup to present tabular information	<p> Board of Directors meetings Board of Directors papers Council of Governors Council of Governors meetings A-Z Neurosciences A-Z/Otolaryngology A-Z/Psychological medicine A-Z/Urology </p> <p>Tables have no defined headers.</p>	<p>Data tables are used to organise data with a logical relationship. Accessible tables markup that indicates header cells and data cells and defines their relationship.</p> <p>Screen readers read out the row and column headers as they navigate through the table speaking one cell at a time, referencing the associated header cells, so the reader doesn't lose context.</p> <pre> <table> <tr> <th>Column Head 1</th> <th>Column Head 2</th> </tr> <tr> <td>Data cell 1</td> <td>Data cell 2</td> </tr> </table> </pre>	<p>1.3.1 Info and Relationships https://www.w3.org/WAI/tutorials/tables/ https://www.w3.org/TR/WCAG20-TECHS/H51.html</p>

Template:

Header, footer, form


→ eg. <https://www.yorkhospitals.nhs.uk/our-services/a-z-of-services/laboratory-medicine1/>


AXE report:




Many of the Critical and Serious issues are those shown on the Global issues page and relate in main to the header and footer and navigation areas.

Level A and AA Violations

Violation	Element Location	Recommended Fix	Success Criteria
<div style="text-align: center;">  <p>Label is not persistent</p> </div>	<p>A-Z/Laboratory medicine Search field</p> <p>Work with us/Vacancies Search field</p> <p>Labels MUST be visible.</p>	<p>Filling out forms correctly can be one of the more time consuming and frustrating online user experiences, and it can be even more challenging for people with disabilities. Well-designed labels and instructions provide enough information so people can fill out forms without undue confusion or errors. Labels and instructions should:</p> <ul style="list-style-type: none"> • be visible, clear, accurate, and informative, • be programmatically associated with their form fields. • disclose any constraints such as required data formats or ranges, and • identify required fields. <p>Placeholder text cannot be the only visible label for a form field,</p>	<p>3.3.2 Info and Relationships https://www.w3.org/WAI/WCAG21/Techniques/aria/ARIA1</p>


		<p>because it disappears when a user types text into the field and therefore is no longer visible. To fix this issue, provide a visible label for the form field other than placeholder text, and ensure the label and the field are programmatically associated.</p> <p>Fix:</p> <ul style="list-style-type: none"> • Provide a persistent and programmatically associated label for form elements, using <label> or a label associated through aria-labelledby. • Provide a persistent visual label and use aria-label to provide a label with any relevant additional information for non-sighted users. 	
 <p>Text elements must have sufficient colour contrast against the background</p>	<p>White text out of blue, yellow, red and green backgrounds</p>	<p>Ensures the contrast between foreground and background colours meets WCAG 2.1 AA contrast ratio thresholds.</p> <p>Use a colour contrast evaluator to determine if text and background</p>	<p>1.4.3 – Contrast (Minimum) https://dequeuniversity.com/rules/axe/3.5/color-contrast (includes a colour checker)</p>

		<p>colours provide a contrast ratio of 4.5:1 for standard text, or 3:1 for larger text. Change colour codes to produce sufficient contrast.</p> <p>Elements have insufficient colour contrasts. Expected contrast ratio of 4.5:1.</p> <p>White out of blue fails. White out of yellow fails. White out of red passes. White out of green fails.</p>	<p>https://www.w3.org/TR/2014/NOTE-WCAG20-TECHS-20140916/Gindex18</p>
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Our Services / A-Z page

List of A-Z pages that have table issues

Level A and AA Violations

Violation	Element Location	Recommended Fix	Success Criteria
 Using table markup to present tabular information	Acute Medicine Bereavement Services Eye department	Tables have no defined headers.	1.3.1 Info and Relationships https://www.w3.org/WAI/tutorials/tables/ https://www.w3.org/TR/WCAG20-TECHS/H51.html

All other pages sitewide have been manually (visually) reviewed as they use the basic templates tested above

**Observations completing tasks using screenreader.
Software used: Windows Narrator and NVDA**

Task	Issue	Recommended Fix	Success Criteria
York Teaching Hospital Charity How to donate	Donate Widget Unable to read out the contents of the Donate Widget using Windows Narrator .	I was unable to complete a donation with a screenreader. If you did not commission or pay for this widget, they are exempt.	1.3.1 Info and Relationships https://www.w3.org/WAI/tutorials/tables/ https://www.w3.org/TR/WCAG20-TECHS/H51.html

	NVDA did read out the widget text but was not intuitive about making a donation.	However, it would be pleasing for accessibility and inclusivity if this was made accessible.	
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Thanks for working with
Smarter Digital Services