By **accessiBe**

WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For dit.ie | Verdict : Non-compliant

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accessiBe is the web accessibility **market leader**, powering the accessibility of **tens-of-thousands** of websites, from **small businesses** to industry-leading **enterprises**.

This audit evaluates the adherence level of **dit.ie** as of April 16, 2021, to the "Web Content Accessibility Guidelines" (WCAG) 2.1 level AA success criteria.

Below you'll find the results for dozens of tests that focus mainly on 3 categories: **screen-reader** adjustments(for blind users), **keyboard navigation** adjustments (for the motor impaired) and **UI, design, and readability** adjustments (for the visually impaired).

WCAG 2.1 AA Level Web Accessibility Audit

Website: dit.ie | **Verdict :** Non-compliant | **Date:** April 16, 2021

#	Requirement	Relevant	Successes	Failures	Score
1	Tables that are being used as layout structures should include a "role" attribute that equals to "presentation" to indicate to screen-readers that it is not really a table.	No	0	0	-
2	Tables that are missing a THEAD row with TH elements, should include a "role" attribute that equals to "rowheader" on the TD elements of the TR that represents the visual table headings.	No	0	0	-
3	If nested tables are used (a table element within a table cell), set the nested tables "role" attribute to "presentation".	No	0	0	-
4	Elements that behave as buttons but are built using other tags such as span, div, a or others, should include a "role" attribute that equals to "button".	Yes	1	15	6%

Code snapshots of some successful elements

- <button type="submit" name="sa" value="Search" ><i class="fa fa-search"></i></button>

Code snapshots of some failed elements

- OK

- Study at TU Dublin

- Research & Enterprise

- Colleges & Schools

- About

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#	Requirement	Relevant	Successes	Failures	Score
	News & Events <i class="fa fa-chevron-left"></i> <i class="fa fa-chevron-right"></i> • •				
5	Links that open in a new tab or a new window should either have an "aria-label" attribute or a screen-reader only element explaining to screen-readers that this opens in a new tab. **Code snapshots of some failed elements** <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-facebook fa-inverse fa-stack-1x"></i> <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-twitter fa-inverse fa-stack-1x"></i> <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-youtube-play fa-inverse fa-stack-1x"></i> <i class="fa fa-instagram fa-2x"></i> <i class="fa fa-instagram fa-inverse fa-stack-1x"></i> 	Yes	0	4	0%
6	Buttons should include text explaining their functionality, and if icons are used as buttons, a screen-reader only text or an "aria-label" attribute should be used for that description.	Yes	13	3	81%

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Code snapshots of some successful elements

- OK

- Study at TU Dublin

- Research & Enterprise

- Colleges & Schools

- About

- News & Events

- •

- •

- <div id="tclose" >X</div>

- Home

Code snapshots of some failed elements

- <button type="submit" name="sa" value="Search" ><i class="fa fa-search"></i></button>

- <i class="fa fa-chevron-left"></i>

- <i class="fa fa-chevron-right"></i>

#	Requirement	Relevant	Successes	Failures	Score
7	Links should include text that is setting expectations to what page they are leading to. If empty links are used as layout wrapping elements, a screen-reader only text or an "aria-label" attribute should be used for that description.	Yes	91	4	96%

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#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some successful elements

- here

- Read Cookie Policy.

- Gaeilge

- Current Students

- For Staff

- Library

- Locations & Map

- Contacts

- <img src="/media/tudublin/images/TUDublin_small-01SVG.svg" alt="TU Dublin Logo">

- <header><img src="/media/DIT-Students.jpg" alt="DIT-Students.jpg"></header>

Code snapshots of some failed elements

-   <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-facebook fa-inverse fa-stack-1x"></i>

-   <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-twitter fa-inverse fa-stack-1x"></i>

-   <i class="fa fa-square fa-stack-2x"></i> <i class="fa fa-youtube-play fa-inverse fa-stack-1x"></i>

-   <i class="fa fa-instagram fa-2x"></i> <i class="fa fa-instagram fa-inverse fa-stack-1x"></i>

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#	Requirement	Relevant	Successes	Failures	Score
8	Background images that are not just for decoration purposes and should have the same treatment as standard images and include a "role" attribute that equals to "img" and an alternative text description in an "aria-label" attribute.	Yes	-	Fail	0%

Code snapshots of some failed elements

- <div id="banner" class="clearfix" style="background-image: url("https://www.dit.ie/media/hero/heros/TUD_DIT_Banner-1440x444.jpg"); background-position: initial initial; background-repeat: initial initial;"> <!--<figure class="visible-xs">...

#	Requirement	Relevant	Successes	Failures	Score
9	Images should have an alternative text description that describes both the objects and the embedded text that the image contains, using the "alt" attribute.	Yes	3	10	23%

Code snapshots of some successful elements

- <img src="/media/tudublin/images/TUDublin_small-01SVG.svg" alt="TU Dublin Logo">

- <img src="/media/studydit/images/template/eu_logo.gif" alt="ERDF Investing in your future" class="img-responsive">

- <img src="/media/images/Athena-Swan-Bronze-Winner-DIT-white-bg.png" alt="Athena Swan Bronze Award Winner DIT" class="img-responsive">

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#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some failed elements

- <img src="/media/DIT-Students.jpg" alt="DIT-Students.jpg">

- <img src="/media/DIT-Research-Students.jpg" alt="">

- <img alt="" src="/media/newsimages/2020/2020_0107_Erasmus-workshop_GG.jpg">

- <img alt="" src="/media/newsimages/2020/TUDublin%20Digital%20Marketing%20Week.jpg">

- <img alt="" src="/media/oifignagaeilge/omh%20Fidearthachta%20.jpg">

- <img alt="" src="/media/newsimages/2020/CAO-Info-Evening-Main-Image.jpg">

- <img alt="" src="/media/newsimages/2019/tudublin_global_graduate_art_programme_620x350.jpg">

- <img src="/media/2019reis/img/home/map_marker.png" alt="" style="width : 32px; height : 38px; ">

- <img src="/media/2019reis/img/home/question.png" alt="" style="width : 19px; height : 35px; ">

#	Requirement	Relevant	Successes	Failures	Score
10	Font icons, SVG or images that are being used as spacers, decorations or their purpose is already described by the content should include a "role" attribute that equals to "presentation" or "none".	Yes	2	14	13%

Code snapshots of some successful elements

- <i class="fa fa-search" ></i>

- <i class="fa fa-bars" ></i>

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some failed elements

- <i class="fa fa-search"></i>

- <i class="fa fa-chevron-right"></i>

- <i class="fa fa-chevron-left"></i>

- <i class="fa fa-twitter"></i>

- <i class="fa fa-square fa-stack-2x"></i>

- <i class="fa fa-facebook fa-inverse fa-stack-1x"></i>

- <i class="fa fa-twitter fa-inverse fa-stack-1x"></i>

- <i class="fa fa-youtube-play fa-inverse fa-stack-1x"></i>

- <i class="fa fa-instagram fa-2x"></i>

- <i class="fa fa-instagram fa-inverse fa-stack-1x"></i>

#	Requirement	Relevant	Successes	Failures	Score
11	Small or hidden tracker pixel images (often used for analytics or marketing purposes) should include a "role" attribute that equals to "none" or "presentation" so they are excluded from screen-readers.	No	0	0	-
12	Figure elements that are used to display images should have a "role" attribute that equals to "none" and the image provide itself should provide the description using an "alt" attribute.	Yes	0	2	0%

Code snapshots of some failed elements

- <figure class="pull-left discover-icon"><img src="/media/2019reis/img/home/map_marker.png" alt="" style="width : 32px; height : 38px; "></figure>

#	Requirement	Relevant	Successes	Failures	Score
	• <figure class="pull-left discover-icon"><img src="/media/2019reis/img/home/question.png" alt="" style="width : 19px; height : 35px; "></figure>				
13	Every "area" element of a "map" tag should be regarded as a standard image and receive an alternative text description using an "alt" attribute.	No	0	0	-
14	Menu items that have a dropdown menu include an "aria-haspopup" attribute that equals to "true".	No	0	0	-
15	Menus should either be built using the HTML5 "nav" element or include a "role" attribute that equals to "menu" or "navigation" to indicate a navigation landmark for screen-readers.	Yes	Pass	-	100%
	Code snapshots of some successful elements				
	• <nav id="quicklinks"><ul class="list-inline pull-right" style="background-color:#000; padding-left:0px;"> Gaeilge <!-- English --> <ul class="list-inline pull-right" ><!-- navigation ...				
16	Menu items that have a dropdown menu include an "aria-expanded" attribute that equals to "false" that changes to "true" and back when opening or closing the dropdown.	No	0	0	-
17	Elements that have texts should meet a minimum contrast ratio of 4.5:1 between their foreground (usually text color) and background color.	Yes	98	28	78%

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Code snapshots of some successful elements

- OK

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- <h3>Find Your Course</h3>

- <p>Discover your future with over 400 undergraduate, postgraduate, research, part-time and evening courses.</p>

- <p>At TU Dublin you will gain an internationally recognised degree that will open doors to an outstanding future.</p>

Code snapshots of some failed elements

- <p class="pull-left message"> To support your privacy rights we have updated our Privacy Statement and Cookie Policy to describe our use and sharing of cookies with our social media, advertising & analytics partners. We recommend that you revie...

- here

- Read Cookie Policy.

- Study at TU Dublin

- Research & Enterprise

#	Requirement	Relevant	Successes	Failures	Score
	• Colleges & Schools • About • News & Events • Study<i class="fa fa-chevron-right"></i> • Research<i class="fa fa-chevron-right"></i>				
18	Letter spacing should not be set to below -1px in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents.	Yes	Pass	-	100%
19	Font sizes should be at least 11px in size in order to stay readable in the majority of font families. This should be verified also when using dynamic units such as REM or percents. **Code snapshots of some successful elements** • <div id="tclose" >X</div>	Yes	-	Fail	0%
20	aria-describedby and aria-labeledby attributes should be connected by ID to an element that either has text description or an "aria-label" attribute.	No	0	0	-
21	Form elements cannot have the same ID, or else their corresponding label will provide false information.	No	0	0	-
22	Form fields should either include an "aria-label" attribute or a connected LABEL element describing the requirement of the field (email, phone, name, etc.).	Yes	0	3	0%

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#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some failed elements

- <input id="keywords" placeholder="search" name="q" class="form-control" value="Search" type="text">

- <select class="form-control filter filter-links" onchange="this.options[this.selectedIndex].value && (window.location = this.options[this.selectedIndex].value);"><option value="#" selected="" >Select Course Type</option><option value="https:/...

- <select class="form-control filter filter-links" name="subjects" onchange="javascript:handleSelectS(this)"><option selected="" value="#" >Select Subject Area</option><!-- navigation object : Subjects --><option value="#test" >Select</option><option v...

#	Requirement	Relevant	Successes	Failures	Score
23	Required form fields should include an "aria-required" attribute that equals to "true" so blind users using screen-readers know their validation.	No	0	0	-
24	The validity status of every form element must be represented in the code at all times using the "aria-invalid" attributes and the "true/false" values, and change dynamically when the status changes.	No	0	0	-
25	All forms should have a submission button that is built as an input type "submit" or a "button" element, or include a "role" tag that equals to "button". Buttons can be hidden if the form can be submitted using the Enter key.	Yes	1	1	50%

Code snapshots of some successful elements

- <form action="https://www.dit.ie/tools/search/" id="search-form" class="form-inline pull-right"> <div class="form-group"> <input name="cx" value="012936220131878774434:zcynfr4fqjg" type="hidden" ><input name="cof" value="FORID:11" type="hidden"...

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#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements				
	• <form id="form-find-course" class="form-inline"> <div class="row"> <div class="col-xs-9 col-sm-6 col-md-8"> <select class="form-control filter filter-links" onchange="this.options[this.selectedInde...				
26	Search forms should include a "role" tag that equals to "search" (or be wrapped by one) to indicate a search landmark for screen-readers.	Yes	-	Fail	0%
	Code snapshots of some failed elements				
	• <form action="https://www.dit.ie/tools/search/" id="search-form" class="form-inline pull-right"> <div class="form-group"> <input name="cx" value="012936220131878774434:zcynfr4fqjg" type="hidden" ><input name="cof" value="FORID:11" type="hidden"...				
27	HTML title elements (H1-6) should have texts. If images or links are used, they should include an alternative or screen-reader only text.	Yes	29	0	100%
28	An H1 title provides information to blind-users using screen-readers of what the main topic of the page is and each page should have exactly one H1 title.	Yes	Pass	-	100%
	Code snapshots of some successful elements				
	• CAO APPLICANTS				
29	Elements that visually appear as titles but are coded with a non-heading HTML Tag should include a "role" attribute that equals to "heading" or have their tags fixed.	No	0	0	-

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30	Title levels should not be skipped and should be built with consistent hierarchy. For example: you cannot have "h4" titles and "h2" titles without having "h3" titles.	Yes	Pass	-	100%
31	The HTML tag should include a "lang" attribute that represents the main language of the webpage so screen-readers can calibrate on it for blind users.	Yes	Pass	-	100%

Code snapshots of some successful elements

- <html lang="en"><head><meta name="acsbToken" content="dMHVXdMZByZBXdDEzup1cCv8KC4weYjozmPcEtokSZ1sim2NN0"><meta name="acsbClient" content="false"><meta content="https://www.dit.ie" name="acsbAceBase"><meta name="aceWebsite" content="dit.ie"><meta con...

#	Requirement	Relevant	Successes	Failures	Score
32	The title tag of the HEAD section (also the title that appears in the browser tab and Search Engine result pages) should exist and describe the name of the current webpage for screen-reader users.	Yes	Pass	-	100%

Code snapshots of some successful elements

- <title>TU Dublin - City Campus | Technological University Dublin</title>

#	Requirement	Relevant	Successes	Failures	Score
33	Landmarks such as main content and footer should be built using their corresponding HTML5 element or include a description using an "aria-label" attribute and a "role" tag that equals to "contentinfo" or "main". Landmarks such as search and navigation are tested in other sections.	Yes	1	1	50%

Code snapshots of some successful elements

- <footer id="footer"><div class="container"> <div id="overview-links" class="row"> <section class="col-sm-3 col-md-2 link-list"><h4>INFORMATION FOR</h4> <ul class="list-unstyled"><!-- navigation object : Study at DIT - NAV - Info for -->
<a href="...

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#	Requirement	Relevant	Successes	Failures	Score
	Code snapshots of some failed elements				
	• <div id="tpopup"> <h1 style="text-align: center; color: #fff; font-size: 50px !important;">CAO APPLICANTS</h1> <h4 style="text-align: center; font-weight: bold; color: #fff; font-size: 25px !important;">We are now TU Dublin – Ireland's first Technolo...				
34	The meta viewport tag should allow visually impaired users to pinch-zoom at least double the standard scaling using the user-scalable="yes" and maximum-scale={2 or higher} content strings.	Yes	Pass	-	100%
	Code snapshots of some successful elements				
	• <meta name="viewport" content="width=device-width, initial-scale=1">				
35	Interactive elements that can be navigated using the keyboard should be surrounded by a visual outline whenever they are focused.	Yes	-	Fail	0%
36	Every page should include hidden links that by clicking on them (either using keyboard navigation or a screen-reader), the user will "skip" certain blocks directly to main landmarks such as main content, menu or footer.	Yes	-	Fail	0%
37	Interactive elements such as links, buttons and form fields should all be navigable using the keyboard by either using a focusable element (a, button, input, etc.) or including the "tabindex" attribute that equals to "0".	Yes	0	6	0%
	Code snapshots of some failed elements				
	• •				
	• •				
	• <div id="tclose" >X</div>				

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#	Requirement	Relevant	Successes	Failures	Score
38	Active popups should include an "aria-modal" attribute that equals to "true", and a "role" attribute that equals to "dialog", so screen-reader users know how to navigate within it.	No	0	0	-
39	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should include a "tabindex" attribute that is below 0, and have it dynamically changed to 0 when they become visible.	No	0	0	-
40	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should be wrapped inside an element with an "aria-hidden" attribute that equals to "false", or include it directly, and have it dynamically changed to "true" when they become visible.	No	0	0	-
41	Control elements such as next and previous icons should include an "aria-label" attribute or a screen-reader only text that explains the functionality to screen-readers.	No	0	0	-
42	Carousels should include an "aria-label" attribute that equals to "carousel"/"slider" or something else that indicates the functionality, as well as be tagged as a landmark for screen-readers using a "role" tag that equals to "contentinfo".	No	0	0	-
43	Carousel pagination items (usually used as small dots at the bottom of the carousel) should indicate their functionality and slide number they control using an "aria-label" and a screen-reader only text.	Yes	5	0	100%

Code snapshots of some successful elements

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#	Requirement	Relevant	Successes	Failures	Score
	• •				
44	A common accessibility mistake is to treat carousels as live regions using the "aria-live" attribute and the "polite" or the "assertive" values. Using this practice will cause screen-readers to cut and skip announcements.	No	0	0	-
45	Breadcrumbs main element should include a "role" attribute that equals to "navigation" and an "aria-label" attribute that describes the functionality."	No	0	0	-
46	Iframe elements should include a "title" or an "aria-label" attribute explaining the purpose, the functionality or the destination of the iframe, or be tagged hidden for screen-readers if irrelevant.	Yes	2	6	25%

Code snapshots of some successful elements

- <iframe height="0" width="0" src="https://8261180.fls.doubleclick.net/activityi;src=8261180;type=gener0;cat=carat0;ord=1; num=4353030859710;gtm=2od472;~oref=https%3A%2F%2Facsbace.com%2Fapps%2Face %2F%3Fembedder%3D%26layout%3Drender%26processor%3Dtrue%2...

- <iframe scrolling="no" frameborder="0" allowtransparency="true" src="https://platform.twitter.com/widgets/widget_iframe.63899b173766ee6f8a729a72b542b0f b.html?origin=https%3A%2F%2Facsbace.com" title="Twitter settings iframe" style="display: none;" ></...

#	Requirement	Relevant	Successes	Failures	Score

Code snapshots of some failed elements

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/EIrHlhywN6A?rel=0" frameborder="0" allowfullscreen="" style="visibility: hidden;" ></iframe>`

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/EIrHlhywN6A?rel=0" frameborder="0" allowfullscreen=""></iframe>`

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/2Z2FxdrP_54?rel=0" frameborder="0" allowfullscreen="" ></iframe>`

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/GG9xR7mi0p0?rel=0" frameborder="0" allowfullscreen="" ></iframe>`

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/im9MXbWwhTc?rel=0" frameborder="0" allowfullscreen="" ></iframe>`

- `<iframe width="298" height="169" src="https://www.youtube.com/embed/G3Po5Mev3Cs?rel=0" frameborder="0" allowfullscreen="" ></iframe>`

#	Requirement	Relevant	Successes	Failures	Score
47	Ratings/scores that are represented visually using stars, meters or other indicators should either have an "aria-label" attribute or a screen-reader only texts conveying the score/rate.	No	0	0	-
48	Visually deleted texts (often used to show a previous price of a sale) should include an "aria-label" attribute or a screen-reader only text that explains this is deleted text.	No	0	0	-

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49	Making use of an accessibility interface helps to ensure that visually impaired users can adjust some of the UI and the design (font-size, colors, spacing, etc.) to their needs. It is not a compliance requirement, but can help to improve compliance.	No	0	0	-