



WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For berkshirebenchmarks.org | Verdict: **Compliant!**

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 **berkshirebenchmarks.org** as of Tue Aug 02 2022, 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 vision impaired).

#	Requirement	Relevant	Successes	Failures	Score
1	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	7	0	100%

Code snapshots of some successful elements

```
<button class="elementor-search-form__submit " type="submit" aria-label="Search" role="button"> Search </button>
```

```
<div class="swiper-button-prev " tabindex="0" role="button"><span data-="true" " aria-label=" Previous " aria-hidden="false" >Previous</span><svg aria-hidden="true" focusable="false" data-prefix="fas" data-icon="chevron-left" role="img" xmlns="ht...
```

```
<div class="swiper-button-next " tabindex="0" role="button"><span data-="true" " aria-label=" Next " aria-hidden="false" >Next</span><svg aria-hidden="true" focusable="false" data-prefix="fas" data-icon="chevron-right" role="img" xmlns="http://ww...
```

```
<span class="elementor-toggle-icon elementor-toggle-icon-left " role="button" data-acsb-textual-ops="previous" tabindex="0"> <span data-="true" " aria-label=" Previous " aria-hidden="false" >Previous</span><span class="elementor-t...
```

```
<a href="" class="elementor-toggle-title " role="button">Berkshire Benchmarks State of the County Report 2022</a>
```

```
<a href="" class="elementor-toggle-title " role="button">Living in the Berkshire Survey 2022</a>
```

2	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	7	0	100%
---	---	-----	---	---	------

Code snapshots of some successful elements

```
<button class="elementor-search-form__submit " type="submit" aria-label="Search" role="button"> Search </button>
```

```
<div class="swiper-button-prev " tabindex="0" role="button"><span data-="true" " aria-label=" Previous " aria-hidden="false" >Previous</span><sv  
g aria-hidden="true" focusable="false" data-prefix="fas" data-icon="chevr  
on-left" role="img" xmlns="ht...
```

```
<div class="swiper-button-next " tabindex="0" role="button"><span data-="true" " aria-label=" Next " aria-hidden="false" >Next</span><svg aria-h  
idden="true" focusable="false" data-prefix="fas" data-icon="chevron-righ  
t" role="img" xmlns="http://ww...
```

```
<span class="elementor-toggle-icon elementor-toggle-icon-left " role="but  
ton" data-acsb-textual-ops="previous" tabindex="0"> <span data-="true" "  
aria-label=" Previous " aria-hidden="false" >Previous</span><span class  
="elementor-t...
```

```
<a href="" class="elementor-toggle-title " role="button">Berkshire Benchm  
arks State of the County Report 2022</a>
```

```
<a href="" class="elementor-toggle-title " role="button">Living in the Be  
rkshire Survey 2022</a>
```

3	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	29	0	100%
---	---	-----	----	---	------

Code snapshots of some successful elements

```
<a href="https://berkshirebenchmarks.org" data-acsb-scrape-url="https://b  
erkshirebenchmarks.org">  to navigate">Home</a>
```

```
<a href="https://berkshirebenchmarks.org/about-us/" class="nav-link " data-acs b-menu="a" data-acs b-menu-root-link="true">About Us</a>
```

```
<a href="https://berkshirebenchmarks.org/indicators/" class="nav-link has -submenu " id="sm-16594644581967817-1" aria-controls="sm-1659464458196781 7-2" data-acs b-menu="a" data-acs b-menu-root-link="true" aria-haspopup="tr ue" aria-expanded="false">In...
```

```
<a href="https://berkshirebenchmarks.org/data/" class="nav-link " data-acs b-menu="a" data-acs b-menu-root-link="true">Data</a>
```

```
<a href="https://berkshirebenchmarks.org/reports/" class="nav-link " data -acs b-menu="a" data-acs b-menu-root-link="true">Reports</a>
```

```
<a href="https://berkshirebenchmarks.org/indicators/transportation/" targ et="_self" rel="noopener" ><span data-="true" " aria-label=" transportati on - berkshire benchmarks " aria-hidden="false" >transportation - berkshi re benchmarks</span><img wid...
```

```
<a href="https://berkshirebenchmarks.org/indicators/transportation/" ><h3 class="gs_logo_title ">TRANSPORTATION</h3></a>
```

```
<a href="https://berkshirebenchmarks.org/indicators/economy/" target="_se lf" rel="noopener" ><span data-="true" " aria-label=" economy - berkshire benchmarks " aria-hidden="false" >economy - berkshire benchmarks</span><i mg loading="lazy" width="22...
```

```
<a href="https://berkshirebenchmarks.org/indicators/economy/" ><h3 class ="gs_logo_title ">ECONOMY</h3></a>
```

-
- 4 [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.](#)

Yes

3

0

100%

Code snapshots of some successful elements

```
<a class="elementor-icon" href="https://www.facebook.com/berkshireregionalplanning" target="_blank" data-acsb-tooltip="Facebook | New Window" > <span data-="true" " aria-label=" Facebook " aria-hidden="false" >FacebookNew Window</span><i class=...
```

```
<a class="elementor-icon" href="https://www.linkedin.com/company/berkshire-regional-planning-commission/" target="_blank" data-acsb-tooltip="LinkedIn | New Window" > <span data-="true" " aria-label=" LinkedIn " aria-hidden="false" >LinkedInNew ...
```

```
<a class="elementor-icon" href="https://www.youtube.com/channel/UCrD7WKPyzB81U0-QZjDBAyg" target="_blank" data-acsb-tooltip="Youtube | New Window" > <span data-="true" " aria-label=" Youtube " aria-hidden="false" >YoutubeNew Window</span><i cla...
```

5	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

```
<h1 class="elementor-heading-title elementor-size-default airfgrr7f4ii" > Welcome to your data source for Berkshire County</h1>
```

6	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	15	0	100%
---	---	-----	----	---	------

7	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	-
---	--	----	---	---	---

8	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.	No	0	0	-
---	--	----	---	---	---

9	Interactive elements such as links, buttons	Yes	4	0	100%
---	---	-----	---	---	------

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".

Code snapshots of some successful elements

```
<div class="swiper-button-prev " tabindex="0" role="button"><span data-="true" " aria-label=" Previous " aria-hidden="false" >Previous</span><sv
g aria-hidden="true" focusable="false" data-prefix="fas" data-icon="chevr
on-left" role="img" xmlns="ht...
```

```
<div class="swiper-button-next " tabindex="0" role="button"><span data-="true" " aria-label=" Next " aria-hidden="false" >Next</span><svg aria-h
idden="true" focusable="false" data-prefix="fas" data-icon="chevron-righ
t" role="img" xmlns="http://ww...
```

```
<span class="elementor-toggle-icon elementor-toggle-icon-left " role="but
ton" data-acsb-textual-ops="previous" tabindex="0"> <span data-="true" "
aria-label=" Previous " aria-hidden="false" >Previous</span><span class
="elementor-t...
```

10	Interactive elements that can be navigated using the keyboard should be surrounded by a visual outline whenever they are focused.	Yes	Pass	-	100%
11	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	-
12	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	Pass	-	100%

13	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	-
14	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	-
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	2	0	100%

Code snapshots of some successful elements

```
<nav migration_allowed="1" migrated="0" class="elementor-nav-menu--main elementor-nav-menu__container elementor-nav-menu--layout-horizontal e--pointer-none" role="navigation" data-acsb-main-menu="true" aria-label="Main Menu"> <ul id="menu-1-4e21b...">
```

```
<nav migration_allowed="1" migrated="0" class="elementor-nav-menu--main elementor-nav-menu__container elementor-nav-menu--layout-horizontal e--pointer-underline e--animation-fade" role="navigation" aria-label="Footer Menu"> <ul id="menu-1-1d384aa...">
```

16	Menu items that have a dropdown menu include an "aria-haspopup" attribute that equals to "true".	Yes	Pass	-	100%
----	--	-----	------	---	------

Code snapshots of some successful elements

```
<a href="https://berkshirebenchmarks.org/indicators/" class="nav-link has-submenu" id="sm-16594644581967817-1" aria-controls="sm-16594644581967817-2" data-acsb-menu="a" data-acsb-menu-root-link="true" aria-haspopup="true" aria-expanded="false">In...
```

17	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.	Yes	Pass	-	100%
----	--	-----	------	---	------

Code snapshots of some successful elements

```
<a href="https://berkshirebenchmarks.org/indicators/" class="nav-link has-submenu " id="sm-16594644581967817-1" aria-controls="sm-16594644581967817-2" data-acsb-menu="a" data-acsb-menu-root-link="true" aria-haspopup="true" aria-expanded="false">In...
```

18	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	10	0	100%
----	--	-----	----	---	------

Code snapshots of some successful elements

```

```

```
<img width="224" height="224" src="https://berkshirebenchmarks.org/wp-content/uploads/2022/03/transportation-icon-233pxby233px-min.png" class="gs-logo--img wp-post-image" alt="transportation icon" loading="lazy" srcset="https://berkshirebenchmarks.or...
```

```
<img loading="lazy" width="224" height="224" src="https://berkshirebenchmarks.org/wp-content/uploads/2022/03/economy-icon-233pxby233px-min.png" class="gs-logo--img wp-post-image" alt="economy icon" srcset="https://berkshirebenchmarks.org/wp-content/u...
```

```
<img width="224" height="224" src="https://berkshirebenchmarks.org/wp-content/uploads/2022/03/education-icon-233pxby233px-min.png" class="gs-logo--img wp-post-image" alt="education icon" loading="lazy" srcset="https://berkshirebenchmarks.org/wp-conte...
```



```

```

19	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.	No	0	0	-
20	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	21	0	100%

```
<span class="sub-arrow " aria-hidden="true" data-acsb-force-hidden="true"
><i class="fas fa-caret-down" aria-hidden="true" data-acsb-force-hidden
="true" ></i></span>
```

```
<i class="fas fa-caret-down" aria-hidden="true" data-acsb-force-hidden="t
rue" ></i>
```

```
<span class="sub-arrow" aria-hidden="true" data-acsb-force-hidden="true"
><i class="fas fa-caret-down" aria-hidden="true" data-acsb-force-hidden
="true" ></i></span>
```

```
<span class="swiper-notification" aria-atomic="true" aria-hidden="true" d
ata-acsb-force-hidden="true" ></span>
```

```
<span class="elementor-toggle-icon-closed " aria-hidden="true" data-acsb-
force-hidden="true" ><i class="fas fa-plus" aria-hidden="true" data-acsb-
force-hidden="true" ></i></span>
```

```
<i class="fas fa-plus" aria-hidden="true" data-acsb-force-hidden="true" >
</i>
```

```
<span class="elementor-toggle-icon-opened" aria-hidden="true" data-acsb-f
orce-hidden="true" ><i class="elementor-toggle-icon-opened fas fa-minus"
aria-hidden="true" data-acsb-force-hidden="true" ></i></span>
```

```
<i class="elementor-toggle-icon-opened fas fa-minus" aria-hidden="true" d
ata-acsb-force-hidden="true" ></i>
```

```
<i class="fab fa-facebook-f " aria-hidden="true" data-acsb-force-hidden
="true" ></i>
```

```
<i class="fab fa-linkedin-in " aria-hidden="true" data-acsb-force-hidden
="true" ></i>
```

22	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	-
23	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	-
24	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	Pass	-	100%

Code snapshots of some successful elements

```
<input placeholder="Search Site" class="elementor-search-form__input" type="search" name="s" value="" aria-hidden="false" data-acsb-validation-uuid="a3ykkyfujwt6" data-acsb-field-visible="true" aria-invalid="false" aria-required="false" aria-label...
```

25	Form elements cannot have the same ID, or else their corresponding label will provide false information.	No	0	0	-
26	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	-
27	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	-

attributes should be connected by ID to an

element that either has text description or an "aria-label" attribute.

Code snapshots of some successful elements

```
<ul class="sub-menu elementor-nav-menu--dropdown acsb-hidden " id="sm-16594644581967817-2" role="region" aria-hidden="true" aria-labelledby="sm-16594644581967817-1" data-acsb-menu="ul" data-acsb-dropdown="a31m249jubct" aria-label="Submenu" > <li cl...
```

```
<ul class="sub-menu elementor-nav-menu--dropdown " id="sm-16594644581979507-2" role="group" aria-hidden="true" aria-labelledby="sm-16594644581979507-1" aria-expanded="false" > <li class="menu-item menu-item-type-post_type menu-item-object-page menu-...
```

```
<div id="elementor-tab-content-2281" class="elementor-tab-content elementor-clearfix" data-tab="1" role="tabpanel" aria-labelledby="elementor-tab-title-2281" aria-hidden="true" ><p >&nbsp;Berkshire Benchmarks, in conjunction with the Berkshire Lead...
```

```
<div id="elementor-tab-content-2282" class="elementor-tab-content elementor-clearfix" data-tab="2" role="tabpanel" aria-labelledby="elementor-tab-title-2282" aria-hidden="true" ><p >The results of the 2022 Living in the Berkshire survey are in. Tak...
```

29	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	Pass	-	100%
----	---	-----	------	---	------

Code snapshots of some successful elements

```
<form class="elementor-search-form" role="search" action="https://berkshirebenchmark.org" method="get" data-acsb-form-uuid="ad9lz3j5mh87" data-acsb-form-type="search"> <div class="elementor-search-form__container " > <input placehol...
```

30	Search forms should include a "role" tag	Yes	Pass	-	100%
----	--	-----	------	---	------

screen-readers.

Code snapshots of some successful elements

```
<form class="elementor-search-form" role="search" action="https://berkshirebenchmarks.org" method="get" data-acsb-form-uuid="ad9lz3j5mh87" data-acsb-form-type="search"> <div class="elementor-search-form__container " > <input placehol...
```

31	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>Home - Berkshire Benchmarks</title>
```

32	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 dir="ltr" lang="en-US" prefix="og: https://ogp.me/ns#" class="backg round-fixed acsb-light-contrast" id="acsb-light-contrast" ><head><base href="https://berkshirebenchmarks.org"><meta name="aceEmbedder" content="https://accessscan.accessibe.com"...
```

33	The meta viewport tag should allow vision 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=1.0, vie
```

34	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	3	0	100%
----	---	-----	---	---	------

Code snapshots of some successful elements

```
<main id="main" class="site-main" role="main" data-acsb-main="true"> <div data-elementor-type="wp-page" data-elementor-id="9" class="elementor elementor-9"> <section class="elementor-section elementor-top-section elementor-element elem...
```

```
<div data-elementor-type="footer" data-elementor-id="868" class="elementor elementor-868 elementor-location-footer" data-acsb-page-footer="true" role="contentinfo" aria-label="Footer"> <section class="elementor-section elementor-top-section e...
```

35	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.	Yes	Pass	-	100%
----	---	-----	------	---	------

36	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%
----	---	-----	------	---	------

37	Elements that have texts should meet a minimum contrast ratio of 4.5:1 between their foreground (usually text color) and background color.	Yes	36	0	100%
----	--	-----	----	---	------

Code snapshots of some successful elements

```
<a href="https://berkshirebenchmarks.org/" aria-current="page" class="nav-link " data-acsb-menu="a" data-acsb-menu-root-link="true" data-acsb-tooltip="Use </> to navigate">Home</a>
```

```
<a href="https://berkshirebenchmarks.org/about-us/" class="nav-link " data-acsb-menu="a" data-acsb-menu-root-link="true">About Us</a>
```

```
<a href="https://berkshirebenchmarks.org/indicators/" class="nav-link has-submenu " id="sm-16594644581967817-1" aria-controls="sm-16594644581967817-2" data-acsb-menu="a" data-acsb-menu-root-link="true" aria-haspopup="true" aria-expanded="false">In...
```

```
<a href="https://berkshirebenchmarks.org/data/" class="nav-link " data-acsb-menu="a" data-acsb-menu-root-link="true">Data</a>
```

```
<a href="https://berkshirebenchmarks.org/reports/" class="nav-link " data-acsb-menu="a" data-acsb-menu-root-link="true">Reports</a>
```

```
<button class="elementor-search-form__submit " type="submit" aria-label="Search" role="button"> Search </button>
```

```
<h1 class="elementor-heading-title elementor-size-default airfgrr7f4ii" >Welcome to your data source for Berkshire County</h1>
```

```
<p >If you know what you're looking for, select "Search Data" to enter our data library. Or, choose one of the Sectors below to explore data points, or Indicators, relevant to that topic.</p>
```

```
<span class="elementor-button-text ">View Indicators</span>
```

```
<span class="elementor-button-text ">Search Data</span>
```

38 [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

-

39 Control elements such as next and

Yes

2

0

100%

previous icons should include an "aria-label" attribute or a screen-reader only text that explains the functionality to screen-readers.

Code snapshots of some successful elements

```
<div class="swiper-button-prev " tabindex="0" role="button"><span data-  
="true" " aria-label=" Previous " aria-hidden="false" >Previous</span><sv  
g aria-hidden="true" focusable="false" data-prefix="fas" data-icon="chevr  
on-left" role="img" xmlns="ht...
```

```
<div class="swiper-button-next " tabindex="0" role="button"><span data-  
="true" " aria-label=" Next " aria-hidden="false" >Next</span><svg aria-h  
idden="true" focusable="false" data-prefix="fas" data-icon="chevron-righ  
t" role="img" xmlns="http://ww...
```

40 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

-

41 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.

No

0

0

-

42 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

-

43 If nested tables are used (a table element within a table cell), set the nested tables "role" attribute to "presentation".

No

0

0

-

TH elements, should include a "role" attribute that equals to "rowheader" on the TD elements of the TR that represents the visual table headings.

45	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	-
46	Breadcrumbs main element should include a "role" attribute that equals to "navigation" and an "aria-label" attribute that describes the functionality."	No	0	0	-
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	Making use of an accessibility interface helps to ensure that vision 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.	Yes	Pass	-	100%
49	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.	No	0	0	-