

WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For github.com/kimbug29/sewbugtips.git | Verdict: Semi-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 **github.com/kimbug29/sewbugtips.git** as of Mon Nov 29 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 vision impaired).

#	Requirement	Relevant	Successes	Failures	Score	
1	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 type="text" class="form-control input-sm header-search-input jump-to-field js-ju
mp-to-field js-site-search-focus js-site-search-field is-clearable" data-hotkey="s,/" name="
q" data-test-selector="nav-search-input" placeholder="Search" data-unsc...</pre>

2	Form elements cannot have the same ID, or else their corresponding label will provide false information.	No	0	0	-
3	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	-
4	The validity status of every form element must be represented in the code at all times using the "ariainvalid" attributes and the "true/false" values, and change dynamically when the status changes.	No	0	0	-
5	aria-describedby and aria-labeledby attributes should be connected by ID to an element that either has text description or an "aria-label" attribute.	Yes	Pass	-	100%

Code snapshots of some successful elements

<div role="grid" aria-labelledby="files" class="Details-content--hidden-not-important js-n
avigation-container js-active-navigation-container d-md-block" data-pjax=""> <div class</pre>

6	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.	No	Fail	-	-
	Code snapshots of some failed el	ements			
	<form class="js-site-search-form" data-owner-scoped-search-uu<="" data-scope-id="412962477 earch" roository"="" th=""><th>" data-scope</th><th>d-search-url="/</th><th>KimBug29/Se</th><th>wBugTips/s</th></form>	" data-scope	d-search-url="/	KimBug29/Se	wBugTips/s
7	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	Pass	-	100%
	Code snapshots of some success	ful element	5		
	<form class="js-site-search-form" re<br="">ository" data-scope-id="412962477 earch" data-owner-scoped-search-u u</form>	" data-scope	d-search-url="/	KimBug29/Se [.]	wBugTips/s
8	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	-
9	If nested tables are used (a table element within a table cell), set the nested tables "role" attribute to "presentation"	No	0	0	-

="sr-only" role="row" > <div role="columnheader">Type</div>...

10	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	-
11	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 success	ful elements	5		
	<nav class="mt-0 px-3 px-lg-0 mb-st-style-none"> <li <="" class="mr-0 mrex-items-center border-bottom border-bottom" td=""><td>-lg-3 position-</td><td>relative flex-wr</td><td></td><td></td></nav>	-lg-3 position-	relative flex-wr		
	<nav "true".<="" aria-haspopup"="" attribute="" class="js-repo-nav js-sidena
-hidden UnderlineNav px-3 px-md-4</td><td>av-container-p</td><td>jax js-responsiv</td><td>e-underline</td><td>nav overflow</td></tr><tr><th></th><th></th><th></th><th></th><th></th><th></th></tr><tr><td>12</td><td>Menu items that have a dropdown menu include an" data-pjax="#js-repo-pjax-con
=" equals="" td="" that="" to="" true"=""><td>No</td><td>0</td><td>3</td><td>-</td></nav>	No	0	3	-

Code snapshots of some failed elements

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Why GitHub? <svg x="0" y="0" viewBox="0 0 1...

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Explore <svg x="0" y="0" viewBox="0 0 14 8"...

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Pricing <svg x="0" y="0" viewBox="0 0 14 8"...</pre>

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	3	-
--	----	---	---	---

Code snapshots of some failed elements

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Why GitHub? <svg x="0" y="0" viewBox="0 0 1...</pre>

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Explore <svg x="0" y="0" viewBox="0 0 14 8"...</pre>

<details class="HeaderMenu-details details-overlay details-reset width-full"> <summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg -inline-block" > Pricing <svg x="0" y="0" viewBox="0 0 14 8"...</pre>

5

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".

Code snapshots of some failed elements

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Why GitHub? <svg x="0" y="0" viewBox="0 0 14 8" xml:spa ce="preserve" fill="none" class="icon-chevon-down-mktg position-absolute...

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Explore <svg x="0" y="0" viewBox="0 0 14 8" xml:space=" preserve" fill="none" class="icon-chevon-down-mktg position-absolute pos...

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Pricing <svg x="0" y="0" viewBox="0 0 14 8" xml:space="p

15	Interactive elements that can be navigated using the keyboard should be surrounded by a visual outline whenever they are focused.	Yes	Pass	-	100%
16	Active popups should include an "ariamodal" 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	-
17	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.	No	Fail	-	-

Code snapshots of some failed elements

<a class="lh-condensed-ultra d-block no-underline Bump-link--hover position-relative Lin k--secondary py-2" data-hydro-click="{"event_type":"analytics.event","payload":{"category":"Header dropdown (logged o...

18	Elements that are hidden using CSS manipulations (opacity, height, text-indent, off-canvas, etc.) should be wrapped inside an element with an	No	0	0	-
	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.

19	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	-
20	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".	No	0	0	-
21	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.	No	0	0	-
22	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	65	0	100%

Code snapshots of some successful elements

Skip to content

 <svg height="32" aria-hidden="true" viewBox="0 0 16 16" version="1.1" width="32" data-...

<a class="HeaderMenu-link no-underline py-3 d-block d-lg-inline-block" data-hydro-click ="{"event_type":"analytics.event","payload":{"category":"Header menu top item (logged out)","action":&q

<a href="/login?return_to=https%3A%2F%2Fgithub.com%2Fkimbug29%2Fsewbugtips" class="HeaderMenu-link flex-shrink-0 no-underline" data-hydro-click="{"event_type":"authentication.click","payload":{"location_in_page"...

<a href="/signup?ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F%3Cuser-name%3E%2F%3Crepo-name%3E&source=header-repo&source_repo=KimBug29%2FSewBugTips" class="HeaderMenu-link flex-shrink-0 d-inline-block no-underline border col..."

KimBug29

<a data-pjax="#repo-content-pjax-container" href="/KimBug29/SewBugTips" >SewBugTips

<a href="/login?return_to=%2FKimBug29%2FSewBugTips" rel="nofollow" data-hydro-click="{"event_type":"authentication.click","payload":{"location_in_page":"notification subscription menu watch","rep...</p>

<a href="/login?return_to=%2FKimBug29%2FSewBugTips" rel="nofollow" data-hydro-cli ck="{"event_type":"authentication.click","payload":{ "location_in_page":"star button","repository_id":4129 6247...</p>

 0

0

Links that open in a new tab or a new No 0 window should either have an "arialabel" attribute or a screen-reader only element explaining to screen-readers that this opens in a new tab.

24 Carousels should include an "aria-No 0 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".

25	Control elements such as next and previous icons should include an "arialabel" attribute or a screen-reader only text that explains the functionality to screen-readers.	No	0	0	-
26	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	-
27	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	-
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.	No	Fail	-	-

Code snapshots of some failed elements

<h1 class="d-flex flex-wrap flex-items-center wb-break-word f3 text-normal"> <svg aria -hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" data-view-component="true" class="octicon octicon-repo color-fg-muted mr-2"> <path ...

<h1 dir="auto"><svg class="octicon octicon-link" viewBox="0 0 16 16" version="1. 1" width="16" height="16" aria-hidden="true"><path fill-rule="evenodd" d="M7.775 3. 2...

30	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	-
31	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%
32	Images should have an alternative text description that describes both the objects and the embedded text that the image contains, using the "alt" attribute.	No	0	0	-
33	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	-
34	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	48	5	91%

Code snapshots of some successful elements

<svg height="32" aria-hidden="true" viewBox="0 0 16 16" version="1.1" width="32" d ata-view-component="true" class="octicon octicon-mark-github" > <path fill-rule="even odd" d="M8 0C3.58 0 0 3.58 0 8c0 3.54 2.29 6.53 5.47 7.59.4.07.55-.17.55-.38 0-...

<svg aria-hidden="true" height="24" viewBox="0 0 24 24" version="1.1" width="24" d
ata-view-component="true" class="octicon octicon-x color-fg-muted" > <path fill-rule="
evenodd" d="M5.72 5.72a.75.75 0 011.06 0L12 10.94l5.22-5.22a.75.75 0 111.06 1....</pre>

<svg x="0" y="0" viewBox="0 0 14 8" xml:space="preserve" fill="none" class="icon-ch evon-down-mktg position-absolute position-lg-relative" ><path d="M1,1l6.2,6L13,1" ></path></path>

<svg xmlns="http://www.w3.org/2000/svg" width="22" height="20" aria-hidden="true"
class="mr-1 header-search-key-slash" ><path fill="none" stroke="#979A9C" opacity="
.4" d="M3.5.5h12c1.7 0 3 1.3 3 3v13c0 1.7-1.3 3-3 3h-12c-1.7 0-3-1.3-3-3v-13c0-1.7 1.3.
..</pre>

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" d ata-view-component="true" class="octicon octicon-repo color-fg-muted mr-2" > <path fi ll-rule="evenodd" d="M2 2.5A2.5 2.5 0 014.5 0h8.75a.75.75 0 01.75.75v12.5a.75.7...

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" d
ata-view-component="true" class="octicon octicon-bell" > <path d="M8 16a2 2 0 001.9"
85-1.75c.017-.137-.097-.25-.235-.25h-3.5c-.138 0-.252.113-.235.25A2 2 0 008 16z" ...</pre>

<svg aria-hidden="true" height="16" viewBox="0 0 16 16" version="1.1" width="16" d ata-view-component="true" class="octicon octicon-repo-forked" > <path fill-rule="even odd" d="M5 3.25a.75.75 0 11-1.5 0 .75.75 0 011.5 0zm0 2.122a2.25 2.25 0 10-1.5 ...

Code snapshots of some failed elements

<span data-view-component="true" class="progress-pjax-loader js-pjax-loader-bar Progr
ess position-fixed width-full" > <span style="width: 0%;" data-view-component="true" cl
ass="Progress-item progress-pjax-loader-bar color-bg-accent-emphasis" ></s...</pre>

<svg style="box-sizing: content-box; color: var(--color-icon-primary);" width="32" height ="32" viewBox="0 0 16 16" fill="none" data-view-component="true" class="anim-rotat e" > <circle cx="8" cy="8" r="7" stroke="currentColor" stroke-opacity="0.25...

35	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.	No	0	0	-
36	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	-
37	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	-
38	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	-
39	Breadcrumbs main element should include a "role" attribute that equals to "navigation" and an "aria-label" attribute that describes the functionality."	No	0	0	-
40	Ratings/scores that are represented visually using stars, meters or other indicators should either have an "arialabel" attribute or a screen-reader only texts conveying the score/rate.	No	0	0	-

41	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.	No	0	0	-
42	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	-
43	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>GitHub - KimBug29/SewBugTips: This site provides SEWING 101 information with i mages, fabric terminology, and sew much more!</title>

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

<head> <base href="https://github.com"><meta name="aceClient" content="true"><meta name="aceToken" content="61a5651e31310c24a35f8f4b"><meta name="aceWebsite" c...

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.

Pass

Yes

100%

Code snapshots of some successful elements

<meta name="viewport" content="width=device-width">

46 Landmarks such as main content and footer should be built using their corresponding HTML5 element or include a description using an "arialabel" attribute and a "role" tag that equals to "contentinfo" or "main".

Landmarks such as search and navigation are tested in other sections.

Yes 2 1

67%

Code snapshots of some successful elements

<main id="js-repo-pjax-container" data-pjax-container=""> <div id="repository-contain
er-header" class="pt-3 hide-full-screen mb-5" style="background-color: var(--color-page-header-bg);" data-pjax-replace=""> <div class="d...</pre>

Code snapshots of some failed elements

<div class="footer container-xl width-full p-responsive" role="contentinfo"> < div class=
"position-relative d-flex flex-row-reverse flex-lg-row flex-wrap flex-lg-nowrap flex-justify-ce
nter flex-lg-justify-between pt-6 pb-2 mt-6 f6 color-fg-muted bor...</pre>

47 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%

48	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%
49	Elements that have texts should meet	Yes	85	32	73%

49 Elements that have texts should meet a minimum contrast ratio of 4.5:1 between their foreground (usually text color) and background color.

Code snapshots of some successful elements

Skip to content

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Why GitHub? <svg x="0" y="0" viewBox="0 0 14 8" xml:spa ce="preserve" fill="none" class="icon-chevon-down-mktg position-absolute...

<a class="HeaderMenu-link no-underline py-3 d-block d-lg-inline-block" data-hydro-click ="{"event_type":"analytics.event","payload":{"category":"Header menu top item (logged out)","action":&q ...

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Explore <svg x="0" y="0" viewBox="0 0 14 8" xml:space=" preserve" fill="none" class="icon-chevon-down-mktg position-absolute pos...

<summary class="HeaderMenu-summary HeaderMenu-link px-0 py-3 border-0 no-wrap d-block d-lg-inline-block" > Pricing <svg x="0" y="0" viewBox="0 0 14 8" xml:space="p reserve" fill="none" class="icon-chevon-down-mktg position-absolute pos...

<a href="/login?return_to=https%3A%2F%2Fgithub.com%2Fkimbug29%2Fsewbugtips" class="HeaderMenu-link flex-shrink-0 no-underline" data-hydro-click="{"event_type":"authentication.click","payload":{"location_in_page"...}</p>

<a href="/signup?ref_cta=Sign+up&ref_loc=header+logged+out&ref_page=%2F%3Cuser-name%3E%2F%3Crepo-name%3E&source=header-repo&source_repo=KimBug29%2FSewBugTips" class="HeaderMenu-link flex-shrink-0 d-inline-block"

no-underline border col...

KimBug29

/

<a data-pjax="#repo-content-pjax-container" href="/KimBug29/SewBugTips" >SewBugTips

Code snapshots of some failed elements

1

branch

0

tags

<summary data-hydro-click="{"event_type":"repository.click",&q
uot;payload":{"repository_id":412962477,"target":"C
LONE_OR_DOWNLOAD_BUTTON","originating_url":"https://github.
com/kimb...</pre>

<h2 class="mb-3 h4">About</h2>

This site provides SEWING 101 information with images, fabric term inology, and sew much more!

<a class="Link--muted" data-hydro-click="{"event_type":"analytics.event","payload":{"category":"Repository Overview","action":"click","label":"location:sidebar;file:..

<a href="/KimBug29/SewBugTips/blob/master/LICENSE" class="Link--muted" data-hydr o-click="{"event_type":"analytics.event","payload":{ "category":"Repository Overview","action":"clic</p>

k"...

 Releases