accessiBe

WCAG 2.1 Level AA Success Criteria

COMPLIANCE AUDIT

For waterrower.com | 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 **waterrower.com** as of Thu Aug 04 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).

This audit is subjected to the terms of service

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#	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	3	0	100%

Code snapshots of some successful elements

```
<a class="wr-top-level-link" role="button" aria-label="My Account Dropdow
n menu. You are currently not signed in" tabindex="0" aria-haspopup="tru
e" aria-expanded="false" ><span class="uk-icon-button uk-icon" data-uk-ic
on="icon: user"><svg role="none"...
```

```
<a class="wr-top-level-link" role="button" aria-label="Shop Menu Dropdow
n" tabindex="0" aria-haspopup="true" aria-expanded="false" >Shop</a>
```

```
<a class="wr-top-level-link" role="button" aria-label="Explore the benefi
ts to the WaterRower Brand and more" tabindex="0" aria-haspopup="true" ar
ia-expanded="false" >Explore</a>
```

#	Requirement	Relevant	Successes	Failures	Score
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	3	0	100%

Code snapshots of some successful elements

```
<a class="wr-top-level-link" role="button" aria-label="My Account Dropdow
n menu. You are currently not signed in" tabindex="0" aria-haspopup="tru
e" aria-expanded="false" ><span class="uk-icon-button uk-icon" data-uk-ic
on="icon: user"><svg role="none"...
```

```
<a class="wr-top-level-link" role="button" aria-label="Shop Menu Dropdow
n" tabindex="0" aria-haspopup="true" aria-expanded="false" >Shop</a>
```

```
<a class="wr-top-level-link" role="button" aria-label="Explore the benefi
ts to the WaterRower Brand and more" tabindex="0" aria-haspopup="true" ar
ia-expanded="false" >Explore</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 | 23 | 0 | 100% |

Code snapshots of some successful elements

```
<a class="uk-logo wr-top-level-link" href="/us" ><span style="box-sizing:
border-box;display:inline-block;overflow:hidden;width:initial;height:init
ial;background:none;opacity:1;border:0;margin:0;padding:0;position:relati
ve;max-width:100%" ><span style...
```

```
<a class="wr-top-level-link" aria-label="Digital products for enhancing t
he Experience for your WaterRower" href="/us/digital" >Digital</a>
```

```
<a class="wr-top-level-link" aria-label="Popular Nohrd Products" href="/u
s/nohrd" >Nohrd</a>
```

```
<a aria-label="Shop all the WaterRower Rowing Machines" class="uk-button
uk-button-default uk-margin-bottom uk-scrollspy-inview " data-uk-scrollsp
y="cls:uk-animation-slide-left;repeat:true;delay:500" href="/us/category/
rowing-machines" style="" >Choo...
```

```
<a aria-label="play video for the waterrower digital experience" class="u
k-button uk-button-default uk-margin-bottom wr-explore-digital uk-scrolls
py-inview " data-uk-scrollspy="cls:uk-animation-slide-bottom;repeat:true;
delay:700" href="/us/digital" s...
```

```
<a class="uk-button uk-button-default" href="/us/digital" >Learn More</a>
```

```
<a class="uk-button uk-button-default uk-margin-left" href="/us/products/
nohrd-bike" >Learn More</a>
```

```
<a class="uk-button uk-button-default" target="_blank" aria-label="This l
ink will open a new tab" href="https://cityrow.com" rel="noreferrer" >Lea
rn More</a>
```

```
<a class="uk-button uk-button-default " target="_blank" aria-label="This
link will open a new tab" href="https://ergatta.com/product/upgrade-packa
ge/" rel="noreferrer" >Learn More</a>
```

```
<a class="uk-logo" href="/us" ><span style="box-sizing:border-box;displa
y:inline-block;overflow:hidden;width:initial;height:initial;background:no
ne;opacity:1;border:0;margin:0;padding:0;position:relative;max-width:10
0%" ><span style="box-sizing:borde...
```

| 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="uk-button uk-button-default" target="_blank" aria-label="This l
ink will open a new tab" href="https://cityrow.com" rel="noreferrer" >Lea
rn More</a>
```

```
<a class="uk-button uk-button-default " target="_blank" aria-label="This
link will open a new tab" href="https://ergatta.com/product/upgrade-packa
ge/" rel="noreferrer" >Learn More</a>
```

```
<a class="uk-link-muted uk-text-decoration-none" target="_blank" aria-lab
el="This link will open a new tab" href="https://www.waterrowerservice.co
m/safety-precautions/" rel="noreferrer" >Safety Precautions</a>
```

| 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="uk-h1">WaterRower</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 | 7 | 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. | Yes | Pass | - | 100% |

Code snapshots of some successful elements

```
<p role="heading" aria-level="2" uk-scrollspy="cls:uk-animation-slide-to
p;repeat:true;delay:200" style="" class="uk-scrollspy-inview ">Experience
the perfect blend of luxury, style and connected fitness.</p>
```

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.	Yes	Pass	-	100%
9	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	Pass	-	100%
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%

```
<a class="skip-links" href="#wr-main" aria-label="Skip to the shop menu,
I am ready to buy" >Skip Navigation</a>
```

```
<a class="skip-links" href="#wr-shop-menu-dropdown" aria-label="Skip Navi
gation and go to main content" >Skip to Shop dropdown menu</a>
```

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	3	0	100%

Code snapshots of some successful elements

```
<nav class="dj-nav dj-nav-dropbar uk-position-relative"><div class="wr-na
vbar uk-sticky" data-uk-sticky="show-on-up: true; sel-target: .wr-nav-con
tainer; cls-active: uk-navbar-sticky" style=""><div class="wr-icons-navba
r wr-nav-container uk-navbar-co...
```

16	Menu items that have a dropdown menu include an "aria-haspopup" attribute that equals to "true".	Yes	2	0	100%

Code snapshots of some successful elements

```
<a class="wr-top-level-link" role="button" aria-label="Shop Menu Dropdow
n" tabindex="0" aria-haspopup="true" aria-expanded="false" >Shop</a>
```

```
<a class="wr-top-level-link" role="button" aria-label="Explore the benefi
ts to the WaterRower Brand and more" tabindex="0" aria-haspopup="true" ar
ia-expanded="false" >Explore</a>
```

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	2	0	100%

Code snapshots of some successful elements

```
<a class="wr-top-level-link" role="button" aria-label="Shop Menu Dropdow
n" tabindex="0" aria-haspopup="true" aria-expanded="false" >Shop</a>
```

```
<a class="wr-top-level-link" role="button" aria-label="Explore the benefi
ts to the WaterRower Brand and more" tabindex="0" aria-haspopup="true" ar
ia-expanded="false" >Explore</a>
```

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	3	0	100%

Code snapshots of some successful elements

```
<img alt="WaterRower logo" srcset="/svg/wr_logo_black.svg 1x, /svg/wr_log
o_black.svg 2x" src="/svg/wr_logo_black.svg" decoding="async" data-nimg
="intrinsic" style="position:absolute;top:0;left:0;bottom:0;right:0;box-s
izing:border-box;padding:0;border...
```

```
<img alt="WaterRower Performance Ergometer Rowing Machine" srcset="/_nex
t/image?url=%2Fimg%2Fwr%2Fdigital%2Fwr-hero-DSC07761-2x.jpg&amp;w=3840&am
p;q=75 1x" src="/_next/image?url=%2Fimg%2Fwr%2Fdigital%2Fwr-hero-DSC07761
-2x.jpg&amp;w=3840&amp;q=75" dec...
```

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.

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".	No	0	0	-
21	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	-
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.).	No	0	0	-
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	No	0	0	-

know their validation.

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	-
28	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	-
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.	No	0	0	-
30	Search forms should include a "role" tag that equals to "search" (or be wrapped by one) to indicate a search landmark for screen-readers.	No	0	0	-
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>WaterRower Home Fitness - Indoor Rowing Machines</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 class="wr" style="" lang="en"><head><base href="https://www.waterro
wer.com"><meta name="aceEmbedder" content="https://acsbace.com"><meta nam
e="aceClient" content="false"><meta name="aceToken" content="62ec03561a63
51002408df4b"><meta name="aceWe...
```

| 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">
```

| 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="wr-main" class="main-element-focus" role="complementary" aria-l
abel="main content" tabindex="-1"><article><section><div class="uk-positi
on-relative"><div class="wr-header wr-header-homepage uk-cover-container
uk-background-default" data-uk-...
```

```
<footer id="footer-role" aria-label="contentinfo"><div class="wr-footer">
<div class="uk-section uk-background-default"><div class="uk-cover-contai
ner" ><div class="uk-container uk-container-xlarge uk-margin-auto"><div c
lass="uk-card uk-card-default u...
```

| 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 | 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 | 45 | 0 | 100% |

Code snapshots of some successful elements

```
<a aria-label="Choose your Store Region" role="button" aria-hidden="true"
>US</a>
```

```
<span class="wr-cart-icon-counter uk-list-item group-hover:text-gray-80
0">0</span>
```

```
<a class="wr-top-level-link" role="button" aria-label="Shop Menu Dropdow
n" tabindex="0" aria-haspopup="true" aria-expanded="false" >Shop</a>
```

```
<a class="wr-top-level-link" aria-label="Digital products for enhancing t
he Experience for your WaterRower" href="/us/digital" >Digital</a>
```

```
<a class="wr-top-level-link" aria-label="Popular Nohrd Products" href="/u
s/nohrd" >Nohrd</a>
```

```
<a class="wr-top-level-link" role="button" aria-label="Explore the benefi
ts to the WaterRower Brand and more" tabindex="0" aria-haspopup="true" ar
ia-expanded="false" >Explore</a>
```

```
<h1 class="uk-h1">WaterRower</h1>
```

```
<p role="heading" aria-level="2" uk-scrollspy="cls:uk-animation-slide-to
p;repeat:true;delay:200" style="" class="uk-scrollspy-inview ">Experience
the perfect blend of luxury, style and connected fitness.</p>
```

```
<a aria-label="Shop all the WaterRower Rowing Machines" class="uk-button
uk-button-default uk-margin-bottom uk-scrollspy-inview " data-uk-scrollsp
y="cls:uk-animation-slide-left;repeat:true;delay:500" href="/us/category/
rowing-machines" style="" >Choo...
```

```
<a aria-label="play video for the waterrower digital experience" class="u
k-button uk-button-default uk-margin-bottom wr-explore-digital uk-scrolls
py-inview " data-uk-scrollspy="cls:uk-animation-slide-bottom;repeat:true;
delay:700" href="/us/digital" s...
```

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 previous icons should include an "aria-label" attribute or a screen-reader only text that explains the functionality to screen-readers.	No	0	0	-
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	-
44	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	-
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.	No	0	0	-
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	-