



# DOCUMENTATION ACCESSIBILITY

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Web accessibility checks according to WCAG 2.1 standards

DEMO VERSION

## Demo Content

This demo version presents **4 out of 23** checks from the category Accessibility.

The full version includes all **23 checks** checks with:

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## FISCAL IDENTITY

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# About Accessibility

## What is Accessibility?

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Web accessibility refers to the practice of making websites usable by all people, regardless of their physical or cognitive abilities. An accessible site allows users with visual, hearing, motor or cognitive disabilities to navigate and interact with content.

## Benefits

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- Legal compliance with EU Directive on web accessibility
- Access to a wider audience (15% of population has disabilities)
- Improved experience for all users
- Better SEO - many accessibility practices also help indexing
- Responsible and inclusive brand image

## Standards and Guidelines

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Checks in this category are based on: **WCAG 2.1 (Web Content Accessibility Guidelines)**

### Checks in Demo version

**4** out of **23** checks

The full version includes all 23 checks.

## Accessibility — Demo (4 out of 23 checks)

Verification	Details
ARIA Attributes	<p><b>What it means:</b></p> <p>ARIA attributes are "invisible labels" that help technologies for people with disabilities better understand how interactive elements on the site work.</p> <p><b>What It Checks:</b></p> <p>Checks correct use of ARIA attributes for improving accessibility of interactive elements.</p> <p><b>Why It's Important:</b></p> <p>ARIA attributes provide additional information to assistive technologies about functionality and state of page elements.</p> <p><b>How to Fix:</b></p> <p>Essential ARIA attributes: <code>aria-label</code> (label), <code>aria-describedby</code> (description), <code>aria-expanded</code> (open/closed), <code>aria-hidden</code> (hide from SR), <code>role</code> (semantic role). Examples: <code>&lt;button aria-pressed="false"&gt;</code>, <code>&lt;input aria-invalid="true" aria-describedby="error-id"&gt;</code>, <code>&lt;div role="dialog" aria-modal="true"&gt;</code>, <code>&lt;div aria-live="polite"&gt;</code> for dynamic messages. Dropdown: <code>aria-haspopup="true"</code>. Don't override native HTML semantics. Test: NVDA, JAWS, axe DevTools. WCAG 4.1.2 Name, Role, Value.</p> <p><b>Official Documentation:</b></p> <ul style="list-style-type: none"><li>• <a href="#">ARIA Authoring Practices Guide</a></li><li>• <a href="#">MDN ARIA Documentation</a></li></ul>
Alt Text	<p><b>What it means:</b></p> <p>Alternative text (alt) describes images for people who can't see them and helps the site be better indexed by Google.</p> <p><b>What It Checks:</b></p> <p>Checks if all images have alt attribute for describing visual content.</p> <p><b>Why It's Important:</b></p> <p>Alternative text allows users with visual disabilities to understand image content through screen readers. It's also an important SEO factor.</p> <p><b>How to Fix:</b></p> <p>All <code>&lt;img&gt;</code> need alt: Informative - <code>alt="2024 sales chart: 25% growth"</code>. Decorative - <code>alt="" role="presentation"</code>. Logo - <code>alt="ABC Company Logo"</code>. Complex - <code>&lt;figure&gt;&lt;img alt="Process infographic"&gt;&lt;figcaption&gt;Detailed description&lt;/figcaption&gt;&lt;/figure&gt;</code>. Avoid: <code>alt="image"</code>, filename, text &gt; 125 chars. <code>Alt=""</code> for decorative (not missing attribute!). WCAG 1.1.1 Non-text Content Level A. Test: screen reader, Wave, axe DevTools.</p> <p><b>Official Documentation:</b></p> <ul style="list-style-type: none"><li>• <a href="#">WCAG Images Tutorial</a></li><li>• <a href="#">WebAIM Alternative Text</a></li></ul>
Clickable Size	<p><b>What it means:</b></p> <p>Buttons and links must be large enough (minimum 44x44 pixels) to be easily clicked by all users, including on mobile phones.</p> <p><b>What It Checks:</b></p> <p>Checks if interactive elements (buttons, links) have sufficient size to be easily clicked.</p> <p><b>Why It's Important:</b></p> <p>Elements that are too small are difficult to use for people with motor difficulties, on touch devices, or for elderly users.</p> <p><b>How to Fix:</b></p> <p>Minimum dimensions: WCAG AA 44x44px, Google 48x48px. CSS: <code>`button { min-width: 44px; min-height: 44px; padding: 12px 24px;}`</code>. List links: <code>`nav a {display: block; padding: 12px 16px; min-height: 44px;}`</code>. Checkbox/radio: <code>`input[type="checkbox"] {width: 24px; height: 24px;}`</code>. Spacing: <code>`.button-group button {margin: 8px;}`</code> avoid accidental clicks.</p> <p><b>Official Documentation:</b></p> <ul style="list-style-type: none"><li>• <a href="#">WCAG Target Size</a></li><li>• <a href="#">Google Touch Target Guidelines</a></li></ul>

**Verification**

**Details**

**Color Contrast**

**What it means:**

Color contrast between text and background must be strong enough for all users to comfortably read content.

**What It Checks:**

Checks if color contrast between text and background meets WCAG standards for readability.

**Why It's Important:**

Insufficient contrast makes text hard to read for users with low vision, color blindness, or in bright light conditions.

**How to Fix:**

WCAG minimum contrast: normal text (<18pt) 4.5:1, large text (18pt+/14pt bold) 3:1, UI/graphics 3:1. Good: black/white 21:1, dark blue/white 12.6:1, #333/#F5F5F5 12.6:1. Problematic: light gray/white ~2:1, yellow/white ~1.1:1, light green/white ~1.5:1. Tools: WebAIM Contrast Checker, Chrome DevTools Lighthouse, Figma/Adobe XD plugins.

**Official Documentation:**

- [WebAIM Contrast Checker](#)
- [WCAG Contrast Guidelines](#)



## ☐ Available in full version

The category contains **Accessibility 19 additional checks** in the full version.

### Checks available in full version:

- Color Only Indicators
- Form Labels
- Headings
- Headings Order
- Image Alt
- Image Title
- Interactive Focusable Elements
- Landmark Roles
- Link Text
- Main Tag
- Outline On Focus
- Skip Link
- Table Headers
- Tables
- Text Scalability
- Title Tag
- Unique Title Tag
- Uppercase Text
- Extract Color Contrast Issues

Each check includes: detailed explanations, business impact, technical recommendations, implementation examples and links to official documentation.

☐ Contact us for the full version: [office@webrt.eu](mailto:office@webrt.eu)