Agency logo slot (replace with your logo)

Web accessibility audit

www.w3.org · WCAG 2.2 Level AA (automated scan, agent-reviewed) · EN 301 549 / European Accessibility Act mapping

Prepared by Your Agency · Scan date 2026-11-01 · 15 pages scanned

Monitoring demo: W3C BAD demo (before) vs the fixed version (after)

1. Executive summary

15	6	434	0
pages scanned	distinct issue types	affected elements	critical

2	3	1
serious	moderate	minor

The issues that most block people using screen readers, keyboards or low vision are:

1. **All touch targets must be 24px large, or leave sufficient space** — 15 of 15 pages, 57 elements (WCAG 2.5.8).
2. **Form elements should have a visible label** — 2 of 15 pages, 2 elements.

Change since the previous scan (BAD demo 'before'): 220 new issues, **590** fixed, **214** still open, compared across 15 pages present in both scans. Details in section 3a.

Fixing the shared templates (header, navigation, footer, cards, forms) clears most instances at once, because the same rule fails on many pages. Section 5 gives the fix per issue with code.

2. Scope and limits (read this)

- **This is not a compliance certificate, an accessibility statement or legal advice.** Whether a site meets the European Accessibility Act, the ADA or any other law is a legal and manual-testing question.
- **Automated checks cover roughly 30-40% of WCAG success criteria.** Tools such as axe-core detect missing names, contrast, ARIA misuse and structure; they cannot judge whether alt text is

accurate, whether the focus order makes sense, whether error messages help, whether captions are correct or whether a flow works with a screen reader.
- **Not included:** manual keyboard and screen-reader testing, PDFs, video caption review, authenticated areas (checkout, account), mobile apps, cognitive and content review.
- The audit covers the pages listed in section 6 only; pages are sampled across site templates.

What was checked: axe-core 4.10 rules for WCAG 2.0/2.1/2.2 A and AA plus best practice; and Keencrest extra checks: alt-text quality heuristics, positive tabindex, visible focus change on up to 40 controls per page, focus moving against reading order, hover-state text contrast on up to 14 links and buttons per page, non-descriptive link text and unannounced new-window links. Items without a WCAG number are best practice, not WCAG failures. Heuristic findings need a human look before a fix.

3. Issues by WCAG success criterion

WCAG SC	Name	EN 301 549	Issue types	Elements
2.4.3	Focus Order	9.2.4.3	extra.focus-order	2
2.5.8	Target Size (Minimum)	9.2.5.8	target-size	57
Best practice	Not a WCAG failure		label-title-only, region, landmark-one-main, empty-table-header	375

3a. Changes since the previous scan

An issue is the same issue when rule, page and element selector all match. Counts are elements.

New issues (220)

Severity	Issue	Elements	Pages	Example
SERIOUS	All touch targets must be 24px large, or leave sufficient space `target-size` · WCAG 2.5.8	29	7	`li:nth-child(1) > a[href$="offsite.html"]` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
SERIOUS	Form elements should have a visible label `label-title-only`	2	2	`#cc` https://www.w3.org/WAI/demos/bad/after/annotated/survey.html
MODERATE	All page content should be contained by landmarks `region`	185	15	`#meta-header > h1` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	Keyboard focus jumps against the visual reading order	2	2	`div > div.annot_link_parent > span.annot_link.prev_sib > a`

	`extra.focus-order` · WCAG 2.4.3			https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MINOR	Table header text should not be empty `empty-table-header`		2	2 `thead > tr > th:nth-child(1)` https://www.w3.org/WAI/demos/bad/after/annotated/survey.html

Fixed since last scan (590)

Severity	Issue	Elements	Pages	Example
CRITICAL	Images must have alternative text `image-alt` · WCAG 1.1.1	300	10	`img[src$="border_left_top.gif"]` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
CRITICAL	Form elements must have labels `label` · WCAG 4.1.2	22	2	`input[value="1"]` https://www.w3.org/WAI/demos/bad/after/annotated/survey.html
CRITICAL	Select element must have an accessible name `select-name` · WCAG 4.1.2	12	10	`select` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
SERIOUS	Links must have discernible text `link-name` · WCAG 2.4.4, 4.1.2	48	10	`#home > a[onfocus="blur();"]` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
SERIOUS	Elements must meet minimum color contrast ratio thresholds `color-contrast` · WCAG 1.4.3	24	6	`tr[height="25px"]:nth-child(2) > td[bgcolor="#A9B8BF"][width="150px"] > font[color="#41545D"][size="2"] > b` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
SERIOUS	All touch targets must be 24px large, or leave sufficient space `target-size` · WCAG 2.5.8	17	6	`a[href$="#annot_06"]` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
SERIOUS	<html> element must have a lang attribute `html-has-lang` · WCAG 3.1.1	10	10	`html` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	All page content should be contained by landmarks `region`	138	15	`h1` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	Image alt text looks low quality (file name, placeholder or	12	10	`td > div.annot_link_parent > a > img` https://www.w3.org/WAI/demos/bad/after/annotated/home.html

	redundant word) `extra.alt-quality` · WCAG 1.1.1			
MODERATE	Link text is not descriptive out of context `extra.generic-link-text` · WCAG 2.4.4	2	2	`div > p.annot_link_parent > span.annot_link_parent > a` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	Keyboard focus jumps against the visual reading order `extra.focus-order` · WCAG 2.4.3	1	1	`td > div.annot_link_parent > span.annot_link.prev_sib > a` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MINOR	Table header text should not be empty `empty-table-header`	2	2	`th` https://www.w3.org/WAI/demos/bad/after/annotated/tickets.html
MINOR	Link opens a new window without warning `extra.new-window`	2	2	`div > p.annot_link_parent > span.annot_link_parent > a` https://www.w3.org/WAI/demos/bad/after/annotated/home.html

Still open (214)

Severity	Issue	Elements	Pages	Example
SERIOUS	All touch targets must be 24px large, or leave sufficient space `target-size` · WCAG 2.5.8	28	14	`.inaccessible > .report[href$="home.html"]` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	All page content should be contained by landmarks `region`	171	15	`#logos` https://www.w3.org/WAI/demos/bad/after/annotated/home.html
MODERATE	Document should have one main landmark `landmark-one-main`	15	15	`html` https://www.w3.org/WAI/demos/bad/after/annotated/home.html

4. Issues by template

Fix a template once, fix every page that uses it.

Template (path group)	Pages	Issue types	Elements
`/WAI/*`	15	6	434

5. Findings and fixes, by severity

SERIOUS All touch targets must be 24px large, or leave sufficient space

Rule `target-size` · WCAG 2.5.8 (EN 301 549 9.2.5.8) · 15 pages · 57 elements · rule reference

Fix: Interactive targets should be at least 24x24 CSS px or have enough spacing (WCAG 2.2).

```
.icon-btn { min-width: 24px; min-height: 24px; padding: 6px; }
```

Example on https://www.w3.org/WAI/demos/bad/after/home.html
Selector: `.inaccessible > .report[href$="home.html"]` · Target has insufficient size (94px by 20px, should be at least 24px by 24px)

```
<a href="../before/reports/home.html" class="report"><span class="hidden">Inaccessible Home Page </span> Report</a>
```

Example on https://www.w3.org/WAI/demos/bad/after/home.html
Selector: `.accessible > .report[href$="home.html"]` · Target has insufficient size (94px by 20px, should be at least 24px by 24px)

```
<a href="./reports/home.html" class="report"><span class="hidden">Accessible Home Page </span> Report</a>
```

SERIOUS Form elements should have a visible label

Rule `label-title-only` · Best practice · 2 pages · 2 elements · rule reference

Fix: See the rule reference for the fix pattern.

Example on https://www.w3.org/WAI/demos/bad/after/survey.html
Selector: `#cc` · Only title used to generate label for form element

```
<select name="cc" id="cc" title="cities of the world">
```

Example on https://www.w3.org/WAI/demos/bad/after/annotated/survey.html
Selector: `#cc` · Only title used to generate label for form element

```
<select name="cc" id="cc" title="cities of the world">
```

MODERATE All page content should be contained by landmarks

Rule `region` · Best practice · 15 pages · 356 elements · rule reference

Fix: Put all page content inside landmarks (header, nav, main, footer).

```
<header>...</header><nav>...</nav><main>...</main><footer>...</footer>
```

Example on https://www.w3.org/WAI/demos/bad/after/home.html
Selector: `#logos` · Some page content is not contained by landmarks

```
<p id="logos"><a href="https://www.w3.org/" title="W3C Home"><img alt="W3C logo"
src="../img/w3c.png" height="48" width="72"></a><a href="https://www.w3.org/WAI/"
title="WAI Home"><img alt="Web Accessibility Initiative (
```

Example on https://www.w3.org/WAI/demos/bad/after/home.html
Selector: `#meta-header > h1` · Some page content is not contained by landmarks

```
<h1><span class="subhead">Accessible Home Page</span><span class="hidden"> -</span>
Before and After Demonstration</h1>
```

MODERATE Document should have one main landmark

Rule `landmark-one-main` · Best practice · 15 pages · 15 elements · rule reference

Fix: Wrap the primary content in a single main landmark.

```
<main id="content">...</main>
```

Example on https://www.w3.org/WAI/demos/bad/after/home.html
Selector: `html` · Document does not have a main landmark

```
<html lang="en">
```

Example on https://www.w3.org/WAI/demos/bad/after/reports/home.html
Selector: `html` · Document does not have a main landmark

```
<html lang="en">
```

MODERATE Keyboard focus jumps against the visual reading order

Rule `extra.focus-order` · WCAG 2.4.3 (EN 301 549 9.2.4.3) · 2 pages · 2 elements · Keencrest extra check

Fix: Focus moved in a way that does not follow the visual reading order. Reorder the DOM instead of repositioning with CSS.

```
<!-- put the DOM in the same order users see it -->
```

Example on https://www.w3.org/WAI/demos/bad/after/annotated/home.html
Selector: `div > div.annot_link_parent > span.annot_link.prev_sib > a` · focus moves up the page by 562px

```
<a href="#annot_02" title="02: Picture with text alternative">02</a>
```

Example on https://www.w3.org/WAI/demos/bad/after/annotated/news.html
Selector: `div.wide > div.col-right.annot_link_parent > span.annot_link.parent_node > a` · focus moves up the page by 827px

```
<a href="#annot_01" title="01: Increased spacing">01</a>
```

MINOR Table header text should not be empty

Rule `empty-table-header` · Best practice · 2 pages · 2 elements · rule reference

Fix: See the rule reference for the fix pattern.

Example on https://www.w3.org/WAI/demos/bad/after/survey.html
Selector: `thead > tr > th:nth-child(1)` · Element does not have text that is visible to screen readers

```
<th></th>
```

Example on https://www.w3.org/WAI/demos/bad/after/annotated/survey.html
Selector: `thead > tr > th:nth-child(1)` · Element does not have text that is visible to screen readers

```
<th></th>
```

6. Pages scanned

URL	Title	Issue types	Elements
https://www.w3.org/WAI/demos/bad/after/home.html	Welcome to CityLights! [Accessible Home Page]	3	19
https://www.w3.org/WAI/demos/bad/after/reports/home.html	Accessible Home Page Report	3	40

https://www.w3.org/WAI/demos/bad/after/annotated/home.html	Welcome to CityLights! [Annotated Accessible Home Page]	4	27
https://www.w3.org/WAI/demos/bad/after/news.html	Citylights News [Accessible News Page]	3	17
https://www.w3.org/WAI/demos/bad/after/tickets.html	Citylights Tickets [Accessible Tickets Page]	3	17
https://www.w3.org/WAI/demos/bad/after/survey.html	Citylights Survey [Accessible Survey Page]	5	28
https://www.w3.org/WAI/demos/bad/after/template.html	Citylights Template [Accessible Template Page]	3	17
https://www.w3.org/WAI/demos/bad/after/reports/news.html	Accessible News Page Report	3	40
https://www.w3.org/WAI/demos/bad/after/reports/tickets.html	Accessible Tickets Page Report	3	40
https://www.w3.org/WAI/demos/bad/after/reports/survey.html	Accessible Survey Page Report	3	40
https://www.w3.org/WAI/demos/bad/after/reports/template.html	Accessible Template Report	3	40
https://www.w3.org/WAI/demos/bad/after/annotated/news.html	Citylights News [Annotated Accessible News Page]	4	20
https://www.w3.org/WAI/demos/bad/after/annotated/tickets.html	Citylights Tickets [Annotated Accessible Tickets Page]	3	25
https://www.w3.org/WAI/demos/bad/after/annotated/survey.html	Citylights Survey [Annotated Accessible Survey Page]	5	33
https://www.w3.org/WAI/demos/bad/after/annotated/template.html	Citylights Template [Annotated Accessible Template Page]	3	31

robots.txt was respected (0 URLs skipped). axe-core also reported 20 'needs review' items across these pages that cannot be decided automatically; they belong in the manual review.

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