

EURONORMS



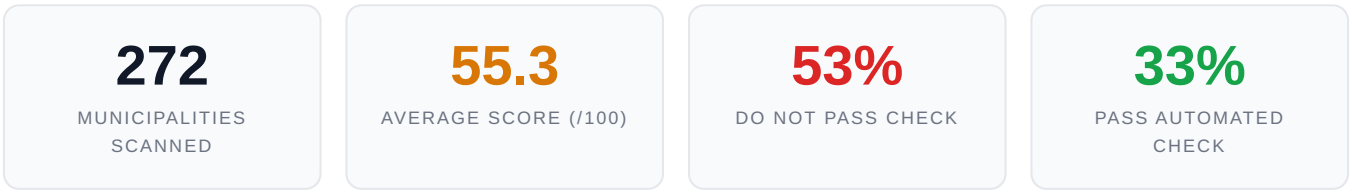
PRESS DOSSIER

Portugal

Municipality Web Accessibility

Automated WCAG 2.1 AA Compliance Scan — EU Directive 2016/2102

Portugal — Municipality Accessibility at a Glance



53% of Portugal municipality websites **do not pass** the automated WCAG accessibility check. Only 33% of scanned sites pass.

The average compliance score across 272 scanned municipality homepages is **55.3/100**. A total of **3741** individual accessibility violations were detected, averaging **13.8** issues per site.

Score Distribution

91 38 143 40			
CATEGORY	COUNT	%	DEFINITION
PASS	91	33%	Score ≥ 80 — passes automated check
NEEDS WORK	38	14%	Score 50–79 — partially accessible
FAIL	143	53%	Score < 50 — does not pass automated check
NOT SCANNED	40	—	Website unavailable or scan failed

Most Common Accessibility Violations

The table below lists the 10 most frequent axe-core rule violations found across Portugal municipality homepages.

#	RULE	IMPACT	DESCRIPTION	OCCURRENCES	SITES
1	color-contrast	SERIOUS	Ensure the contrast between foreground and background colors meets WCAG 2 AA minimum contrast ratio thresholds	1752	130
2	link-name	SERIOUS	Ensure links have discernible text	1039	116
3	image-alt	CRITICAL	Ensure elements have alternative text or a role of none or presentation	247	33
4	button-name	CRITICAL	Ensure buttons have discernible text	89	23
5	listitem	SERIOUS	Ensure elements are used semantically	80	16
6	aria-required-parent	CRITICAL	Ensure elements with an ARIA role that require parent roles are contained by them	71	11
7	aria-prohibited-attr	SERIOUS	Ensure ARIA attributes are not prohibited for an element's role	60	10
8	meta-viewport	MODERATE	Ensure does not disable text scaling and zooming	58	58
9	nested-interactive	SERIOUS	Ensure interactive controls are not nested as they are not always announced by screen readers or can cause focus problems for assistive technologies	54	11
10	aria-command-name	SERIOUS	Ensure every ARIA button, link and menuitem has an accessible name	46	6

Municipality Ranking — Top & Bottom Performers

Top 15 Highest Scores

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
1	Vila Viçosa	cm-vilavicosa.pt	100.0	0
2	Vila Pouca de Aguiar	cm-vpaguiar.pt	100.0	0
3	Vila Franca do Campo	cmvfc.pt	100.0	0
4	Boticas	cm-boticas.pt	100.0	0
5	Gavião	cm-gaviao.pt	100.0	0
6	Mondim de Basto	cm-mondimdebasto.pt	100.0	0
7	Mira	cm-mira.pt	100.0	0
8	Albufeira	cm-albufeira.pt	100.0	0
9	Chaves	chaves.pt	100.0	0
10	Barrancos	cm-barrancos.pt	100.0	0
11	Peniche	cm-peniche.pt	100.0	0
12	Arganil	cm-arganil.pt	100.0	0
13	Vila do Conde	cm-viladoconde.pt	100.0	0
14	Avis	cm-avis.pt	100.0	0
15	Santa Marta de Penaguião	cm-smpenaguiao.pt	100.0	0

Bottom 15 Lowest Scores

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
1	Porto	cm-porto.pt	0.8	40
2	Vila Nova de Gaia	cm-gaia.pt	1.4	20
3	Lousã	cm-lousa.pt	1.8	23
4	Estremoz	cm-estremoz.pt	2.1	38
5	Ferreira do Alentejo	ferreiradoalentejo.pt	2.7	43
6	São Vicente	cm-saovicente.pt	3.1	18
7	Nelas	cm-nelas.pt	4.0	13
8	Gouveia	cm-gouveia.pt	4.6	27
9	Machico	cm-machico.pt	4.6	17
10	Aguiar da Beira	cm-aguiardabeira.pt	4.6	28
11	Torres Vedras	cm-tvedras.pt	4.6	113
12	Vila Nova de Poiares	cm-vilanovadepoiars.pt	5.8	7
13	Cascais	cascais.pt	5.8	49

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
14	Seia	cm-seia.pt	6.8	47
15	Penela	cm-penela.pt	6.8	43

Methodology & Limitations

Testing Tool

[axe-core](#), the open-source accessibility testing engine maintained by Deque Systems. It is the most widely used automated accessibility testing library and powers the accessibility checks in Chrome DevTools and Lighthouse.

Standard

WCAG 2.1 Level AA — the standard referenced by EU Directive 2016/2102 (Web Accessibility Directive) and harmonised European standard EN 301 549.

Scope

- Homepage only (crawl depth = 1). Subpages are not scanned.
- One domain per municipality (primary official website).
- Scores range from 0 (worst) to 100 (best).

Important limitation: Automated tools detect approximately 30–50% of WCAG 2.1 criteria. A site that does not pass the automated check is certainly non-compliant. A site that passes may still have accessibility barriers detectable only through manual expert review. These scores represent a **floor**, not a ceiling, of real-world accessibility issues.

Data Collection

Municipality websites were collected from official national registers, Eurostat LAU codes, and Wikidata. Domains were validated via DNS resolution and HTTP checks. Scans were performed using headless Chromium via Playwright + axe-core.

Licence

This dataset is published under [Creative Commons Attribution 4.0 \(CC BY 4.0\)](#). You are free to share and adapt the data with attribution to EuroNorms.

Generated by www.euronorms.eu on 2026-08-31. Data is updated periodically. For the latest results, visit www.euronorms.eu/portugal/municipalities.

Download raw data (CSV): euronorms.eu/api/municipalities/export?country=PT

Press contact: press@euronorms.eu