

EURONORMS

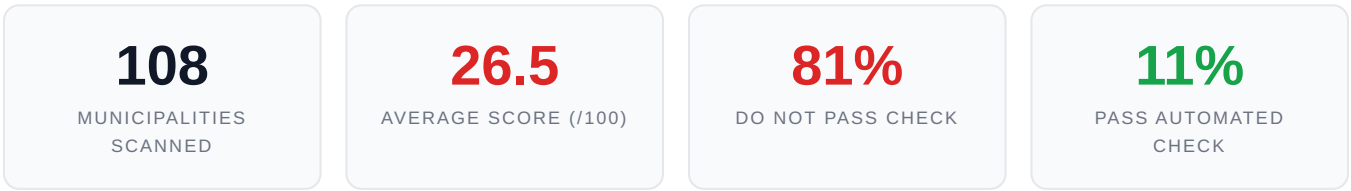


PRESS DOSSIER

Luxembourg Municipality Web Accessibility

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

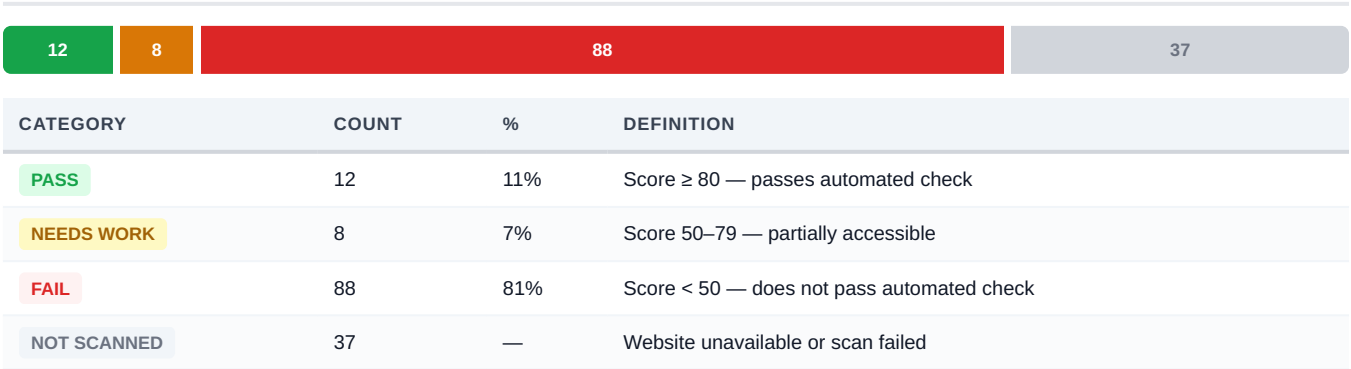
Luxembourg — Municipality Accessibility at a Glance



81% of Luxembourg municipality websites **do not pass** the automated WCAG accessibility check. Only **11%** of scanned sites pass.

The average compliance score across 108 scanned municipality homepages is **26.5/100**. A total of **3605** individual accessibility violations were detected, averaging **33.4** issues per site.

Score Distribution



Most Common Accessibility Violations

The table below lists the 10 most frequent axe-core rule violations found across Luxembourg 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	1792	89
2	link-name	SERIOUS	Ensure links have discernible text	979	78
3	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	118	44
4	aria-required-children	CRITICAL	Ensure elements with an ARIA role that require child roles contain them	84	46
5	image-alt	CRITICAL	Ensure elements have alternative text or a role of none or presentation	83	13
6	button-name	CRITICAL	Ensure buttons have discernible text	71	21
7	aria-toggle-field-name	SERIOUS	Ensure every ARIA toggle field has an accessible name	64	24
8	link-in-text-block	SERIOUS	Ensure links are distinguished from surrounding text in a way that does not rely on color	61	17
9	meta-viewport	MODERATE	Ensure does not disable text scaling and zooming	55	55
10	aria-input-field-name	SERIOUS	Ensure every ARIA input field has an accessible name	46	44

Municipality Ranking — Top & Bottom Performers

Top 15 Highest Scores

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
1	Ettelbruck	ettelbruck.lu	100.0	0
2	Berdorf	berdorf.lu	100.0	0
3	Septfontaines	septfontaines.lu	100.0	0
4	Wellenstein	wellenstein.lu	100.0	0
5	Differdange	differdange.lu	100.0	0
6	Habscht	habscht.lu	100.0	0
7	Bertrange	bertrange.lu	100.0	0
8	Dudelange	dudelange.lu	100.0	0
9	Feulen	feulen.lu	100.0	0
10	Beckerich	beckerich.lu	100.0	0
11	Ell	ell.lu	100.0	0
12	Kopstal	kopstal.lu	85.7	1
13	Roeser	roeser.lu	68.1	41
14	Remich	remich.lu	68.1	3
15	Luxembourg	vdl.lu	68.1	15

Bottom 15 Lowest Scores

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
1	Bettendorf	bettendorf.lu	0.3	112
2	Beaufort	beaufort.lu	0.6	62
3	Biwer	biwer.lu	0.6	49
4	Fischbach	acfischbach.lu	0.6	62
5	Bous-Waldbredimus	bouswaldbredimus.lu	0.6	44
6	Boevange-sur-Attert	boevange-attert.lu	0.6	27
7	Echternach	echternach.lu	0.6	41
8	Wincrange	wincrange.lu	0.8	30
9	Lintgen	lintgen.lu	0.8	83
10	Putscheid	putscheid.lu	0.8	28
11	Saeul	saeul.lu	0.8	42
12	Boulaide	boulaide.lu	0.8	26
13	Mamer	mamer.lu	0.8	58

#	MUNICIPALITY	WEBSITE	SCORE	ISSUES
14	Goesdorf	goesdorf.lu	0.8	51
15	Mertert	mertert.lu	0.8	18

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

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