

# Detailed Accessibility Audit Report

## Ghent University Library — lib.ugent.be & libcatalog.ugent.be

**Date:** April 16, 2026

**Standard:** WCAG 2.2 level AA

**Status:** Internal Technical Audit (V2)

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### 1. Executive Summary

Two technical zones were tested: **lib.ugent.be content pages** (Wagtail-based, maintained by UGent) and **libcatalog.ugent.be** (Ex Libris Primo NDE, third-party). Between October 2025 and April 2026, most issues in Zone 1 were resolved. Zone 2 issues largely remain and depend on the vendor.

**This website partially complies with the Web Content Accessibility Guidelines (WCAG) 2.2 level AA**, mostly due to the non-conformities and technical limitations of third-party software listed below.

#### Open Issues Summary

Zone	High	Moderate	Low	Total Open
lib.ugent.be (UGent)	0	0	1	1
Primo NDE (Ex Libris)	3	4	0	7

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### 2. Methodology

- **Standard:** WCAG 2.2 level AA, as referenced by EN 301 549 and the Flemish Bestuursdecreet.
- **Approach:** Representative sampling of page templates in both Dutch and English.
- **Tools:** WAVE extension, manual keyboard navigation, VoiceOver (macOS Safari), browser DevTools.

- **Sessions:** Both unauthenticated and authenticated (UGent account) to reach search results and detail pages.
- **Scope:** Content pages (/libraries, /services, /info) and Catalogue (homepage, search results, detail pages) in Dutch and English.

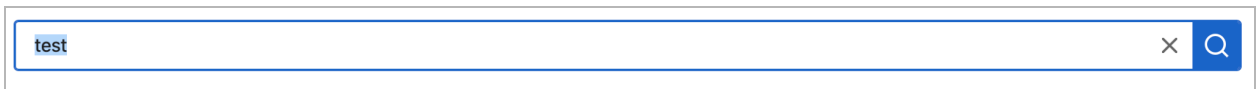
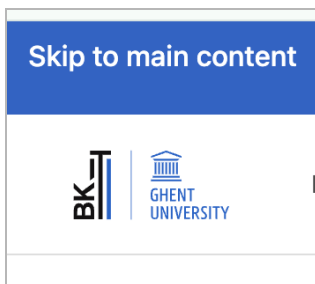
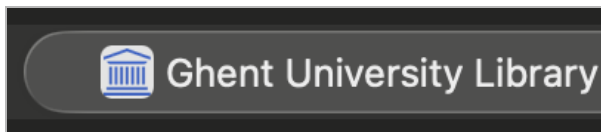
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## 3. Zone 1: lib.ugent.be — Detailed Findings

### 3.1 Resolved between audits (Verification Evidence)

Confirmed fixed on the live site in April 2026:

- **2.4.1 Bypass Blocks:** Skip link now present as the first focusable element.
- **1.3.1 Info & Relationships:** `<main>` element now has `id="main-content"`.
- **1.3.1 Heading Hierarchy:** Alert component now uses `<h2>` instead of skipping levels.
- **1.3.1 CMS Headings:** Empty headings on `/services/ill` removed.
- **1.3.1 Breadcrumb:** Changed from `<ul>` to `<ol>` for correct semantics.
- **2.4.4 Link Purpose:** Footer links include hidden warnings for new windows.
- **2.4.2 Page Titled — Low:** English homepage uses Dutch `<title>`.
- **2.4.7 Focus Visible:** `:focus-visible` rules added via CSS; visible focus ring confirmed.
- **1.3.1 Landmarks:** Unique `aria-label` added to all `<nav>` elements.

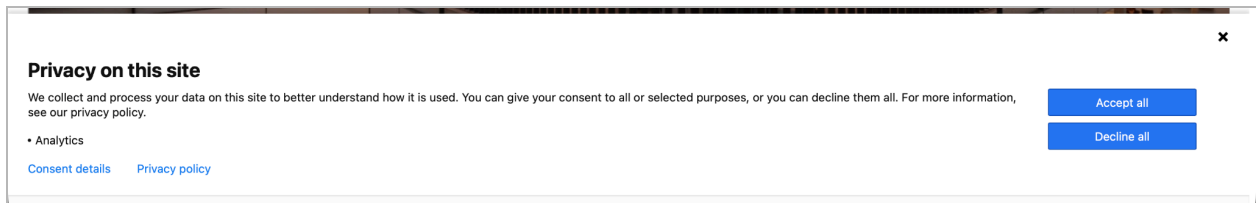




## 3.2 Outstanding Issues

**WCAG 1.4.3 Contrast (Minimum) — Low** The Piwik PRO cookie consent button fails the 4.5:1 minimum (Current ratio: 4.27:1).

- **Remediation:** CSS override to darken background (e.g., #1a56a8).



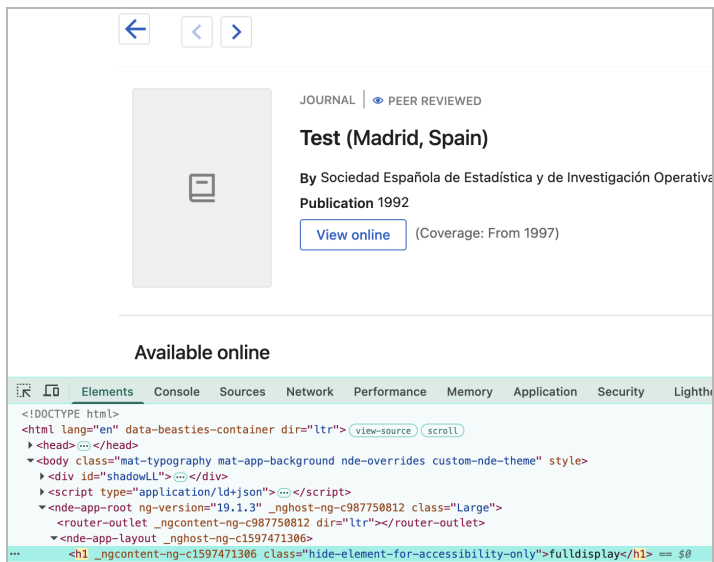
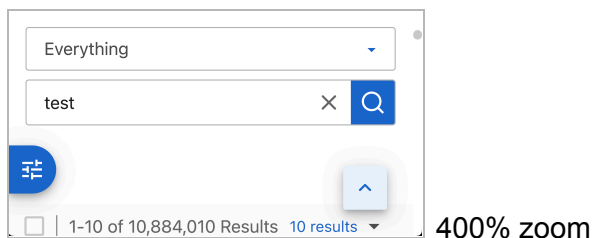
## 4. Zone 2: Primo NDE ([libcatalog.ugent.be](http://libcatalog.ugent.be))

Vendor accessibility information: <https://clarivate.com/accessibility/primo/>

## 4.1 Detailed Findings (Vendor Managed)

- **1.4.10 Reflow — High:** At 400% zoom, content must be legible without increasing line length.. *Fix scheduled July 2026.*
- **1.4.4 Text zoom — High:** At 200% zoom, content must be legible. *Fix scheduled July 2026.*
- **1.3.1 Info & Relationships — High:** Meaningless `<h1>` titles ("home", "search", "fulldisplay").
- **1.3.1 Heading Structure — Moderate:** Duplicate record titles (`<h3>`) and section headings (`<h2>` followed by `<h4>`).
- **1.3.1 Landmarks — Moderate:** Multiple `<nav>` elements lack labels.
- **4.1.2 Name, Role, Value — Moderate:** `<mat-slide-toggle>` and icons missing accessible names.
- **2.4.4 Link Purpose — Moderate:** "Details" links lack work titles in their ARIA labels.

### Examples:



```
<router-outlet _ngcontent-ng-c987750812 dir="ltr"></router-outlet>
  <nde-app-layout _ngcontent-ng-c1597471306>
    <h1 _ngcontent-ng-c1597471306 class="hide-element-for-accessibility-only">home</h1> == $0
    <section _ngcontent-ng-c1597471306 class="container">
      <!-->
```

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## 5. Vendor Engagement Log

Date	Issue	WCAG	Status
Nov 2025	Reflow at 400% zoom & Text zoom at 200%	1.4.10 / 1.4.4	Fix planned July 2026
Apr 2026	Meaningless H1 & Link Purpose	1.3.1 / 2.4.4	Raised
Deferred	Nav labels & Heading skips	1.3.1	Queued (to avoid vendor overload)

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## 6. Recommendations

1. **Short term:** Fix cookie contrast.
2. **Medium term:** Verify vendor fixes; raise queued vendor issues.
3. **Long term:** Establish annual audit cadence; include accessibility in procurement SLAs.