

Northstar Retail Accessibility Audit Executive Summary

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Project: Northstar Retail | Standard: WCAG 2.2 A/AA | Scan: scan-demo-latest

Important limitation: Access Audit helps identify accessibility risks and prepare remediation evidence. Automated scanning alone does not prove ADA, WCAG, or Section 508 compliance. Final compliance decisions require expert review and, ideally, testing with disabled users and assistive technologies.

Executive Summary

Likely WCAG AA blockers found. The score below is an explainable risk estimate, not a legal compliance certification.

Risk score

56

Critical blockers

1

Pages scanned

8

Confidence

medium

Methodology

Access Audit crawled rendered pages in Chromium, ran axe-core checks, collected DOM snapshots and screenshots, tested desktop and mobile viewports, explored keyboard focus order, and created manual-review tasks for checks automation cannot reliably prove.

URLs scanned: <https://example.com>, <https://example.com/checkout>, <https://example.com/products>

Recommended Remediation Order

1. Fix critical keyboard, focus, form, and name/role/value blockers first.
2. Resolve serious WCAG A and AA failures that affect shared templates.
3. Complete manual checks for media, documents, authentication, cognition, and assistive technology sanity testing.
4. Re-scan fixed templates and compare against prior scan history.

Critical Findings

Severity	Finding	WCAG / 508 Mapping	Status	Recommended Fix
critical	Coupon dialog can trap keyboard focus Keyboard-only and screen reader users can become stuck and may be unable to continue checkout without refreshing the page. <code>#coupon-dialog</code>	WCAG 2.2 2.1.2 No Keyboard Trap WCAG 2.2 2.4.3 Focus Order WCAG 2.2 4.1.2 Name, Role, Value	open	Use a tested dialog primitive, hide inactive content with inert, close on Escape, and restore focus to the trigger.

Score Breakdown

WCAG A pass estimate	57%
WCAG AA pass estimate	52%
Serious issues	2
Moderate issues	1
Manual review completion	60%
Templates affected	4

- Critical findings are weighted most heavily because they often block core tasks for keyboard, screen reader, or low-vision users.
- Repeated component/template issues are grouped for scoring, while the summary still preserves site-wide impact.
- Incomplete manual review lowers confidence instead of pretending automation can prove legal compliance.

Manual Review Status

Check	Principle	Status	Priority	Notes
Alt text quality and context	perceivable	fail	high	Hero and product-card imagery need contextual text, not file-name derived labels.
Keyboard-only completion of major user flows	operable	fail	critical	Checkout coupon popover traps focus after applying a code.
Captions and transcript accuracy	perceivable	not-started	medium	

Check	Principle	Status	Priority	Notes
Error prevention for checkout forms	understandable	pass	high	Payment step has field-level summaries and inline suggestions.
Screen reader sanity review	robust	not-started	high	

Full Findings Appendix

Severity	Finding	WCAG / 508 Mapping	Status	Recommended Fix
critical	<p>Coupon dialog can trap keyboard focus</p> <p>Keyboard-only and screen reader users can become stuck and may be unable to continue checkout without refreshing the page.</p> <p><code>#coupon-dialog</code></p>	<p>WCAG 2.2 2.1.2 No Keyboard Trap</p> <p>WCAG 2.2 2.4.3 Focus Order</p> <p>WCAG 2.2 4.1.2 Name, Role, Value</p>	open	Use a tested dialog primitive, hide inactive content with inert, close on Escape, and restore focus to the trigger.
serious	<p>Low contrast promotional text</p> <p>Low-vision users and users in bright environments may not be able to read the discount message.</p> <p><code>.promo-banner .muted</code></p>	<p>WCAG 2.2 1.4.3 Contrast (Minimum)</p>	in-progress	Use foreground and background tokens that meet at least 4.5:1 for normal text.
serious	<p>Email input missing accessible label</p> <p>Screen reader users may not know what information is expected after the placeholder disappears.</p> <p><code>input[name='email']</code></p>	<p>WCAG 2.2 1.3.1 Info and Relationships</p> <p>WCAG 2.2 3.3.2 Labels or Instructions</p> <p>WCAG 2.2 4.1.2 Name, Role, Value</p>	open	Associate a visible label with the input using <code>htmlFor/id</code> , or use <code>aria-label</code> only when a visible label cannot fit.
needs-review	<p>Linked PDF requires manual accessibility verification</p> <p>PDFs often need tags, reading order, document language, bookmarks, and form semantics checked separately.</p> <p><code>a[href\$='.pdf']</code></p>	<p>WCAG 2.2 1.3.1 Info and Relationships</p> <p>WCAG 2.2 2.4.2 Page Titled</p> <p>WCAG 2.2 3.1.1 Language of Page</p>	needs-review	Check tags, headings, language, alt text, table headers, form fields, reading order, and metadata.

Severity	Finding	WCAG / 508 Mapping	Status	Recommended Fix
moderate	Mobile filter chips have small touch targets People with motor disabilities may activate the wrong filter or be unable to use the control reliably. <code>.filter-chip</code>	WCAG 2.2 2.5.8 Target Size (Minimum)	open	Use min-height/min-width of 24 CSS pixels for WCAG 2.2 AA and larger spacing where possible.
