



Best Practices

▲ Does not use passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance. <u>Learn more</u>.

Show 3rd-party resources (1)

URL Location

...js/juxtapose.js (cdn.knightlab.com) line: 583

▲ Uses document.write()

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. <u>Learn more</u>.

Show 3rd-party resources (1)

URL

/script.js (dz9qn8fh4jznm.cloudfront.net) line: 0

Links to cross-origin destinations are unsafe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. <u>Learn more</u>.

Show 3rd-party resources (1)

URL Target Rel

http://juxtapose.knightlab.com __blank

▲ Includes front-end JavaScript libraries with known security vulnerabilities — 3 vulnerabilities detected

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. <u>Learn more</u>.

Library Version	Vulnerability Count	Highest Severity
Lo-Dash@4.17.4	3	High

▲ Uses deprecated APIs — 1 warning found

Deprecated APIs will eventually be removed from the browser. Learn more.

Deprecation / Warning

URL

```
'window.webkitStorageInfo' is deprecated.

Please use
'navigator.webkitTemporaryStorage' or
'navigator.webkitPersistentStorage'
instead.
```

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Line

▲ Browser errors were logged to the console

Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns.

☐ Show 3rd-party resources (0)

URL	Description
/static/scoreboard (www3.bostongl obe.com)	TypeError: Cannot read property 'scrollHeight' of null at getHeight (https://www3.bostonglobe.com/static/scoreboa rd:25:32) at https://www3.bostonglobe.com/static/scoreboar d:30:22 at https://www3.bostonglobe.com/static/scoreboar d:32:2

Displays images with incorrect aspect ratio Image display dimensions should match natural aspect ratio. Learn more. Show 3rd-party resources (0) Aspect Ratio Aspect Ratio **URL** (Displayed) (Actual) 750 x 750 24kennedy/Kennedy19972.jpg (www.bosto 162 x 324 (0.50) (1.00)nglobe.com) 750 x 752 24kennedy/Kennedy2014.jpg (www.boston 162 x 324 (0.50) (1.00)globe.com) Passed audits (8) Avoids Application Cache Application Cache is deprecated. Learn more. **Uses HTTPS** All sites should be protected with HTTPS, even ones that don't handle sensitive data. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. Learn more. Uses HTTP/2 for its own resources HTTP/2 offers many benefits over HTTP/1.1, including binary headers, multiplexing, and server push. Learn more. Avoids requesting the geolocation permission on page load

Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. <u>Learn more</u>.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. Read more on the MDN Web Docs page

Detected JavaScript libraries

All front-end JavaScript libraries detected on the page.

Name	Version
React	16.8.6
Lo-Dash	4.17.4
boomerang.js	1.632.0

Avoids requesting the notification permission on page load

Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. <u>Learn more</u>.

Allows users to paste into password fields

Preventing password pasting undermines good security policy. Learn more.

Runtime Settings

URL	https://www.bostonglobe.com/metro/2014/10/23/returning-jackie-kennedy-vision/t7TCSfcdkjcQNBBkdbuvEO/story.html
Fetch time	Sep 11, 2019, 10:54 AM EDT

Device	Emulated Nexus 5X
Network throttling	150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)
CPU throttling	4x slowdown (Simulated)
User agent (host)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_14_4) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/76.0.3809.132 Safari/537.36
User agent (network)	Mozilla/5.0 (Linux; Android 6.0.1; Nexus 5 Build/MRA58N) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/74.0.3694.0 Mobile Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1356

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