https://phenomenal-tulumba-7f1913.netlify.app/







100

100

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Performance

Accessibility

**Best Practices** 

SEO

PWA



# Performance

Values are estimated and may vary. The <u>performance score is</u> <u>calculated</u> directly from these metrics. <u>See calculator</u>.

50-89

0-49

90-100



Expand view



First Contentful Paint

1.4 s

▲ Speed Index

3.0 s

Largest Contentful Paint

O 4 -

- Time to Interactive
  - 1.4 s
- Total Blocking Time

0 ms

Cumulative Layout Shift

0 00 4

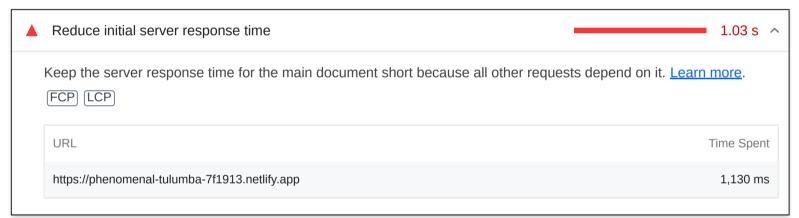
# 0.004



### **OPPORTUNITIES**

2.4 S

Opportunity Estimated Savings

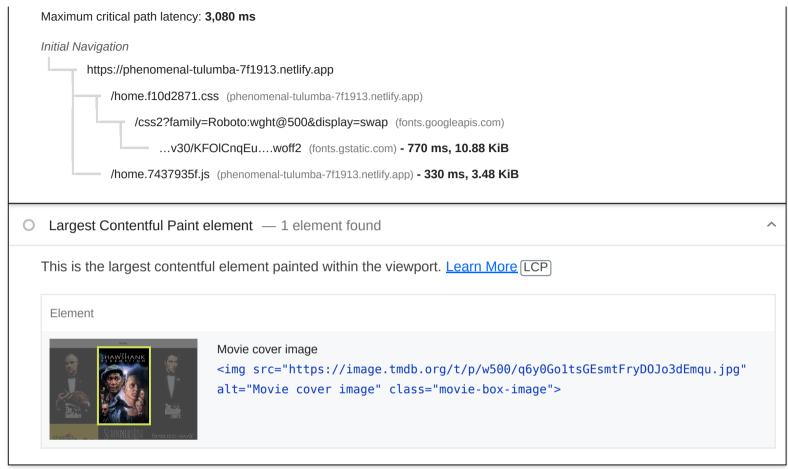


These suggestions can help your page load faster. They don't directly affect the Performance score.

### **DIAGNOSTICS**

O Avoid chaining critical requests — 2 chains found ↑

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. Learn more. FCP LCP



More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS Hide

Eliminate render-blocking resources

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn more</u>. FCP [LCP]

 $\wedge$ 

Minify CSS Minifying CSS files can reduce network payload sizes. Learn more. FCP [LCP] Minify JavaScript Minifying JavaScript files can reduce payload sizes and script parse time. Learn more. FCP [LCP] Reduce unused CSS Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. Learn more. FCP [LCP] Reduce unused JavaScript Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. Learn more. [LCP] Enable text compression Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more. FCP LCP Preconnect to required origins

Consider adding 'preconnect' or 'dns-prefetch' resource hints to establish early connections to important third-party origins. Learn more. FCP LCP Avoid multiple page redirects Redirects introduce additional delays before the page can be loaded. Learn more. FCP [LCP] Preload key requests Consider using `<ink rel=preload>` to prioritize fetching resources that are currently requested later in page load. Learn more. FCP LCP Use video formats for animated content Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. Learn more [LCP] Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. [LCP] Potential URL Savings



Avoids enormous network payloads — Total size was 1,085 KiB

Large network payloads cost users real money and are highly correlated with long load times. Learn more. [LCP]

URL	Transfer Size
w500/rCzpDGLbOjpg (image.tmdb.org)	94.9 KiB
w500/t2Ew8NZ8Cjpg (image.tmdb.org)	88.9 KiB
w500/7liTTgloJjpg (image.tmdb.org)	84.6 KiB
w500/q6y0Go1tsjpg (image.tmdb.org)	82.4 KiB
w500/fIE3IAGcZjpg (image.tmdb.org)	75.3 KiB
w500/q719jXXEzjpg (image.tmdb.org)	74.2 KiB
w500/bX2xnavhMjpg (image.tmdb.org)	68.6 KiB
w500/2CAL2433Zjpg (image.tmdb.org)	63.1 KiB
w500/qJ2tW6WMUjpg (image.tmdb.org)	61.6 KiB
w500/ppd84D2i9jpg (image.tmdb.org)	50.6 KiB

All text remains visible during webfont loads
 Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. <a href="Learn more">Learn more</a>. <a href="FCP">FCP</a>
 LCP



These checks highlight opportunities to improve the accessibility of your web app. Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

### ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

The page has a logical tab order
 Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more.
 Interactive controls are keyboard focusable

Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn more</u> .		
O Interactive elements indicate their purpose and state		
Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. <u>Learn more</u> .		
O The user's focus is directed to new content added to the page		
If new content, such as a dialog, is added to the page, the user's focus is directed to it. <u>Learn more</u> .		
O User focus is not accidentally trapped in a region		
A user can tab into and out of any control or region without accidentally trapping their focus. <u>Learn more</u> .		
O Custom controls have associated labels		
Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more</u> .		
O Custom controls have ARIA roles		
Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> .		
O Visual order on the page follows DOM order		
DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .		
O Offscreen content is hidden from assistive technology		
Offscreen content is hidden with display: none or aria-hidden=true. <u>Learn more</u> .		

HTML5 landmark elements are used to improve navigation

Landmark elements (<main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. <u>Learn more</u>.

These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibility review.

PASSED AUDITS (12)

[aria-hidden="true"] is not present on the document <body>

Assistive technologies, like screen readers, work inconsistently when `aria-hidden="true"` is set on the document `<body>`. Learn more.

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. <u>Learn more</u>.

[user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not less than 5.

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. Learn more.

• The page contains a heading, skip link, or landmark region

Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. Learn more.

Background and foreground colors have a sufficient contrast ratio

Low-contrast text is difficult or impossible for many users to read. Learn more.

Document has a <title> element

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more</u>.

<html> element has a [lang] attribute

If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. <u>Learn more</u>.

<html> element has a valid value for its [lang] attribute

Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn more</u>.

Links have a discernible name

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. <u>Learn more</u>.

• Lists contain only elements and script supporting elements (<script> and <template>).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn</u> more.

● List items () are contained within or parent elements

Screen readers require list items (``) to be contained within a parent `` or `` to be announced properly. Learn more.

Heading elements appear in a sequentially-descending order

Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. <u>Learn more</u>.

NOT APPLICABLE (32)

[accesskey] values are unique

Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. <u>Learn</u> more.

[aria-\*] attributes match their roles

Each ARIA 'role' supports a specific subset of 'aria-\*' attributes. Mismatching these invalidates the 'aria-\*' attributes. Learn more. O button, link, and menuitem elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [aria-hidden="true"] elements do not contain focusable descendents Focusable descendents within an `[aria-hidden="true"]` element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn more. ARIA input fields have accessible names When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA meter elements have accessible names When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. ARIA progressbar elements have accessible names When a 'progressbar' element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more. [role]s have all required [aria-\*] attributes

Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more</u> .	
O Elements with an ARIA [role] that require children to contain a specific [role] have all required children.	^
Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. <u>Learn mo</u>	<u>ore</u> .
O [role]s are contained by their required parent element	^
Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <u>Learn more</u> .	
O [role] values are valid	^
ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn more</u> .	
O ARIA toggle fields have accessible names	^
When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .	
O ARIA tooltip elements have accessible names	^
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .	
O ARIA treeitem elements have accessible names	^
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn more</u> .	
O faria *1 attributos bayo valid valuos	^

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. <u>Learn more</u> .
O [aria-*] attributes are valid and not misspelled
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. <u>Learn more</u> .
O Buttons have an accessible name
When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. <u>Learn more</u> .
<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</td></tr><tr><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. <u>Learn more</u>.</td></tr><tr><td>C Definition list items are unamped in all alements</td></tr><tr><td>O Definition list items are wrapped in <dl> elements</td></tr><tr><td>Definition list items are wrapped in <dt> elements   Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. Learn more.</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. Learn more.</td></tr><tr><td>Definition list items (`<dt>` and `<dd>`) must be wrapped in a parent `<dl>` element to ensure that screen readers can properly announce them. Learn more.  O [id] attributes on active, focusable elements are unique</td></tr></tbody></table></script></dd></dt></dl>

O No form fields have multiple labels	^
Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which u either the first, the last, or all of the labels. <u>Learn more</u> .	se
<frame/> or <iframe> elements have a title</iframe>	^
Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more</u> .	
<pre><input type="image"/> elements have [alt] text</pre>	^
When an image is being used as an ` <input/> ` button, providing alternative text can help screen reader users understand the purpose of the button. <u>Learn more</u> .	
O Form elements have associated labels	^
Labels ensure that form controls are announced properly by assistive technologies, like screen readers. <u>Learn more</u>	<u>!</u> -
The document does not use <meta http-equiv="refresh"/>	^
Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. <u>Learn more</u> .	
O <object> elements have alternate text</object>	^
Screen readers cannot translate non-text content. Adding alternate text to ` <object>` elements helps screen readers convey meaning to users. <u>Learn more</u>.</object>	<b>;</b>
O No element has a [tabindex] value greater than 0	^

A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. Learn more. Cells in a element that use the [headers] attribute refer to table cells within the same table. Screen readers have features to make navigating tables easier. Ensuring `` cells using the `[headers]` attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more. > elements and elements with [role="columnheader"/"rowheader"] have data cells they describe. Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. Learn more. [lang] attributes have a valid value Specifying a valid BCP 47 language on elements helps ensure that text is pronounced correctly by a screen reader. Learn more. <video> elements contain a <track> element with [kind="captions"] When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.

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### TRUST AND SAFETY



PASSED AUDITS (13)

# Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed</u> <u>content</u>, where some resources are loaded over HTTP despite the initial request being served over HTTPS. 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. <u>Learn more</u>.

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>.

^

<ul> <li>Avoids requesting the notification permission on page load</li> <li>Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. Learn more.</li> <li>Avoids front-end JavaScript libraries with known security vulnerabilities</li> <li>Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers Learn more.</li> <li>Allows users to paste into password fields</li> <li>Preventing password pasting undermines good security policy. Learn more.</li> <li>Displays images with correct aspect ratio</li> <li>Image display dimensions should match natural aspect ratio. Learn more.</li> <li>Serves images with appropriate resolution</li> <li>Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more.</li> <li>Page has the HTML doctype</li> </ul>		
<ul> <li>Avoids front-end JavaScript libraries with known security vulnerabilities</li> <li>Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers Learn more.</li> <li>Allows users to paste into password fields</li> <li>Preventing password pasting undermines good security policy. Learn more.</li> <li>Displays images with correct aspect ratio</li> <li>Image display dimensions should match natural aspect ratio. Learn more.</li> <li>Serves images with appropriate resolution</li> <li>Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Learn more.</li> </ul>	Avoids requesting the notification permission on page load	^
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<u>Learn more</u> .	Serves images with appropriate resolution	^
Page has the HTML doctype		
	Page has the HTML doctype	^

Specifying a doctype prevents the browser from switching to guirks-mode. Learn more.

Properly defines charset

A character encoding declaration is required. It can be done with a `<meta>` tag in the first 1024 bytes of the HTML or in the Content-Type HTTP response header. <u>Learn more</u>.

Avoids deprecated APIs

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

No browser errors logged to the console

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

No issues in the Issues panel in Chrome Devtools

Issues logged to the `Issues` panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.

Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. Learn more.

URL	Map URL
/home.7437935f.js (phenomenal-tulumba-7f1913.netlify.app)	/home.7437935f.js.map (phenomenal-tulumba-7f1913.netlify.app)

NOT APPLICABLE (2)

O Fonts with font-display: optional are preloaded

Preload `optional` fonts so first-time visitors may use them. Learn more

O Detected JavaScript libraries

All front-end JavaScript libraries detected on the page. Learn more.



These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not

### Lighthouse Report Viewer

score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

# ADDITIONAL ITEMS TO MANUALLY CHECK (1) Structured data is valid Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more.

PASSED AUDITS (10)

A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents <u>a 300 millisecond</u> <u>delay to user input</u>. <u>Learn more</u>. (TBT)

Document has a <title> element

Run these additional validators on your site to check additional SEO best practices.

Has a <meta name="viewport"> tag with width or initial-scale

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. <u>Learn more</u>.

Document has a meta description

Meta descriptions may be included in search results to concisely summarize page content. Learn more.

Page has successful HTTP status code

^

Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more. Links have descriptive text Descriptive link text helps search engines understand your content. Learn more. Links are crawlable Search engines may use 'href' attributes on links to crawl websites. Ensure that the 'href' attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn More Page isn't blocked from indexing Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more. Image elements have [alt] attributes Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. Document has a valid hreflang hreflang links tell search engines what version of a page they should list in search results for a given language or region. Learn more.

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more.

NOT APPLICABLE (4)

robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. <u>Learn more</u>.

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. Learn more.

Document uses legible font sizes

Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to have >60% of page text  $\ge 12px$ . Learn more.

Tap targets are sized appropriately

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn more</u>.



## **PWA**

These checks validate the aspects of a Progressive Web App. Learn more.

+ INSTALLABLE

lacktriangle Web app manifest or service worker do not meet the installability requirements — 1 reason

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their homescreen, which can lead to higher engagement. <u>Learn more</u>.

Failure reason

Page has no manifest <link> URL



▲ Does not register a service worker that controls page and start\_url

^

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. Learn more. Is not configured for a custom splash screen Failures: No manifest was fetched. A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. Learn more. Does not set a theme color for the address bar. Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. The browser address bar can be themed to match your site. Learn more. Content is sized correctly for the viewport If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. Learn more. Has a <meta name="viewport"> tag with width or initial-scale A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more. (TBT) Does not provide a valid apple-touch-icon For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touchicon`. It must point to a non-transparent 192px (or 180px) square PNG. Learn More. Manifest doesn't have a maskable icon No manifest was fetched

A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device. <u>Learn more</u>.

# ADDITIONAL ITEMS TO MANUALLY CHECK (3)

Hide

Site works cross-browser
 To reach the most number of users, sites should work across every major browser. Learn more.
 Page transitions don't feel like they block on the network
 Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of performance. Learn more.
 Each page has a URL
 Ensure individual pages are deep linkable via URL and that URLs are unique for the purpose of shareability on social media. Learn more.

These checks are required by the baseline <u>PWA Checklist</u> but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

- Captured at Oct 23, 2022, 6:48 PM GMT+3:30
- Emulated Desktop with Lighthouse 9.6.2
- Single page load

Tinitial page load

T Custom throttling

**Solution** Using Chromium 105.0.0.0 with devtools

Generated by **Lighthouse** 9.6.2 | File an issue