87	98	92		91	22
PERFORMANCE	ACCESSIBILITY	BEST PRACTICES		SEO	Progressive Web App
		0-49 50-89	90-100		

87

PERFORMANCE

Metrics

First Contentful Paint	1.4 s	Speed Index	1.4 s
Largest Contentful Paint	1.6 s	Time to Interactive	2.0 s
Total Blocking Time		Cumulative Layout Shift	0

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

Opportunities --These suggestions can help your page load faster. They do not <u>directly affect</u> the Performance score.

Opportunity

Estimated Savings

Reduce unused JavaScript 0.08 s

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. <u>Learn more.</u>

URL

https://www.gstatic.com/_/mss/boq-identity/_/js/k=boq-identity.AccountsSignInUi.en_US.YNxtNc4NmIU.es SFT8AlFrmL2jJxzRzGfdi_yGhg/ee=cEt90b:ws9Tlc;QGR0gd:Mlhmy;uY49fb:COQbmf;Xv6lvf:kKw6r;v1oUs Preload key requests

0 s

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. Learn more.

Diagnostics -- More information about the performance of your application. These numbers do not directly affect the Performance score.

Avoids an excessive DOM size

511 elements

Statistic	Element	Value
Total DOM Elements		511
Maximum DOM Depth		23
Maximum Child Elements		84

Avoid chaining critical requests

4 chains found

User Timing marks and measures

9 user timings

Name	Туре	Start Time
fcbyXe	Measure	441.889
kDcP9b	Measure	453.179
fcbyXe	Measure	876.506
prt	Mark	358.077
aft	Mark	358.895
prt	Mark	384.099
triggerRender_0	Mark	441.906
O7jPNb	Mark	453.201
triggerRender_1	Mark	876.519

Ensure text remains visible during webfont load

URL	Potential
https://fonts.gstatic.com/s/googlesans/v14/4UaGrENHsxJIGDuGo1OIIL3Owp5eKQtG.woff2	4.942000
https://fonts.gstatic.com/s/roboto/v18/KFOmCnqEu92Fr1Mu4mxKKTU1Kg.woff2	3.126999

https://fonts.gstatic.com/s/roboto/v18/KFOICnqEu92Fr1MmEU9fBBc4AMP6IQ.woff2

https://fonts.gstatic.com/s/googlesans/v14/4UabrENHsxJIGDuGo1OIILU94YtzCwZsPF4o.woff2 6.496999

3.122000

Keep request counts low and transfer sizes small

24 requests • 472 KiB

Resource Type	Requests	Transfer Size
Total	24	483583
Script	9	318812
Document	3	103905
Font	4	54071
Other	8	6795
Stylesheet	0	0
Image	0	0
Media	0	0
Third-party	15	386159

Largest Contentful Paint element

1 element found

Element

Avoid large layout shifts

98

Accessibility

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

NAMES AND LABELS

No form fields have multiple labels

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

Failing Elements

`<frame>` or `<iframe>` elements do not have a title

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

Failing Elements

body.nyoS7c > iframe

Fix any of the following: Element has no title attribute aria-label attribute does not exist or is empty aria-labelledby attribute does not exist, references elements that do not exist or references elements that are empty Element's default semantics were not overridden with role="none" or role="presentation"

Image elements have `[alt]` attributes

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

Failing Elements

`<input type="image">` elements have `[alt]` text

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

Failing Elements

`<object>` elements have alternate text

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

Failing Elements

BEST PRACTICES

The document does not use `<meta http-equiv="refresh">`

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

NAVIGATION

`[accesskey]` values are unique

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

TABLES AND LISTS

`<dl>`'s contain only properly-ordered `<dt>` and `<dd>` groups, `<script>`, `<template>` or `<div>` elements.

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

Definition list items are wrapped in `<dl>` elements

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

Cells in a `` element that use the `[headers]` attribute refer to table cells within the same table.

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

`` elements and elements with `[role="columnheader"/"rowheader"]` have data cells they describe.

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

Passed audits

`[aria-*]` attributes match their roles

Each ARIA `role` supports a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. [Learn more](https://web.dev/aria-allowed-attr/).

`[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](https://web.dev/aria-hidden-body/).

`[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](https://web.dev/aria-hidden-focus/).

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](https://web.dev/arianame/).

`[role]`s have all required `[aria-*]` attributes

Some ARIA roles have required attributes that describe the state of the element to screen readers. [Learn more](https://web.dev/aria-required-attr/).

`[role]` values are valid

ARIA roles must have valid values in order to perform their intended accessibility functions. [Learn more](https://web.dev/aria-roles/).

`[aria-*]` attributes have valid values

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values.

[Learn more](https://web.dev/aria-valid-attr-value/).

`[aria-*]` attributes are valid and not misspelled

Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names.

[Learn more](https://web.dev/aria-valid-attr/).

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. [Learn more](https://web.dev/button-name/).

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](https://web.dev/bypass/).

Background and foreground colors have a sufficient contrast ratio

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

more](https://web.dev/color-contrast/).

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. [Learn more](https://web.dev/document-title/).

`[id]` attributes on active, focusable elements are unique

All focusable elements must have a unique `id` to ensure that they're visible to assistive technologies. [Learn more](https://web.dev/duplicate-id-active/).

ARIA IDs are unique

The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. [Learn more](https://web.dev/duplicate-id-aria/).

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. [Learn more](https://web.dev/heading-order/).

`<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. [Learn more](https://web.dev/html-has-lang/).

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

Specifying a valid [BCP 47 language](https://www.w3.org/International/questions/qa-choosing-language-tags#question) helps screen readers announce text properly. [Learn more](https://web.dev/html-lang-valid/).

Form elements have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. [Learn more](https://web.dev/label/).

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. [Learn more](https://web.dev/link-name/).

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. [Learn more](https://web.dev/list/).

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](https://web.dev/listitem/).

`[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](https://web.dev/meta-viewport/). 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](https://web.dev/tabindex/).
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Best Practices

User Experience

Fonts with `font-display: optional` are preloaded

Trust and Safety

Ensure CSP is effective against XSS attacks

General

Detected JavaScript libraries

Name Version

Bog

Wiz

Issues were logged in the 'Issues' panel in Chrome Devtools

Issue type

Cookie

PASSED AUDITS

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding [mixed content](https://developers.google.com/web/fundamentals/security/prevent-mixed-content/what-is-mixed-content), 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. [Learn more](https://web.dev/is-on-https/).

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. [Learn more](https://web.dev/geolocation-on-start/). 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. [Learn more](https://web.dev/notification-on-start/).

Avoids front-end JavaScript libraries with known security vulnerabilities

Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attackers. [Learn more](https://web.dev/no-vulnerable-libraries/).

Allows users to paste into password fields

Preventing password pasting undermines good security policy. [Learn

more](https://web.dev/password-inputs-can-be-pasted-into/).

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. [Learn more](https://web.dev/image-aspect-ratio/).

Serves images with appropriate resolution

Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. [Learn more](https://web.dev/serve-responsive-images/).

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. [Learn more](https://web.dev/doctype/).

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. [Learn more](https://web.dev/charset/).

Avoids deprecated APIs

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

more](https://web.dev/deprecations/).

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](https://web.dev/errors-in-console/)

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](https://developers.google.com/web/tools/chrome-devtools/javascript/source-maps).

SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more

CONTENT BEST PRACTICES

Links do not have descriptive text

Link destination

Link Text

https://support.google.com/chrome/answer/6130773?hl=en-US Learn more Image elements have `[alt]` attributes

CRAWLING AND INDEXING

PASSED AUDITS

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](https://developers.google.com/web/updates/2013/12/300ms-tap-delay-gone-away). [Learn more](https://web.dev/viewport/).

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. [Learn more](https://web.dev/document-title/).

Document has a meta description

Meta descriptions may be included in search results to concisely summarize page content. [Learn more](https://web.dev/meta-description/).

Page has successful HTTP status code

Pages with unsuccessful HTTP status codes may not be indexed properly. [Learn more](https://web.dev/http-status-code/).

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](https://support.google.com/webmasters/answer/9112205)

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](https://web.dev/is-crawable/).

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. [Learn more](https://web.dev/robots-txt/).

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](https://web.dev/hreflang/).

Document has a valid `rel=canonical`

Canonical links suggest which URL to show in search results. [Learn more](https://web.dev/canonical/). Document avoids plugins Search engines can't index plugin content, and many devices restrict plugins or don't support them. [Learn more](https://web.dev/plugins/).

Progressive Web App

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

Installable

Web app manifest or service worker do not meet the installability requirements

Failure reason

No manifest was fetched

PWA Optimized

Does not register a service worker that controls page and `start_url`

Is not configured for a custom splash screen

Does not set a theme color for the address bar.

Content is sized correctly for the viewport

Does not provide a valid `apple-touch-icon`

Manifest doesn't have a maskable icon

Additional items to manually check - These checks are required by the baseline [PWA] Checklist](https://developers.google.com/web/progressive-web-apps/checklist) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.