

Website Carbon & Performance Audit

URL: <https://google.com>

Green Hosting: Yes 🌿

Total Page Weight: 701.95 KB

Estimated CO₂ per Pageview: 0.06 grams

Carbon Rating: A

🌿 **Green Score: 74/100**

Performance Score: 36

Recommendations for Improving Carbon Footprint:

- Use a CDN and Caching: A Content Delivery Network (CDN) and caching can significantly reduce data transfer.
- Choose Efficient Fonts: Use system fonts or self-host optimized font files to avoid large font transfers.
- Choose Green Hosting: Select a hosting provider that uses renewable energy sources.
- Consider Optimizing Images: Use compression tools and resize images for better performance.
- Consider Minifying Files: Small optimizations to your CSS and JavaScript can help reduce page weight.



Lighthouse Report



Performance



Accessibility



Best Practices



SEO

There were issues affecting this run of Lighthouse:

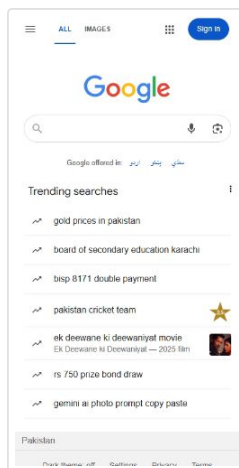
- The page may not be loading as expected because your test URL (<https://google.com/>) was redirected to <https://www.google.com/>. Try testing the second URL directly.



Performance

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

▲ 0–49 ■ 50–89 ● 90–100



METRICS

[Expand view](#)



First Contentful Paint

3.9 s



Largest Contentful Paint

10.5 s



Total Blocking Time

2,010 ms



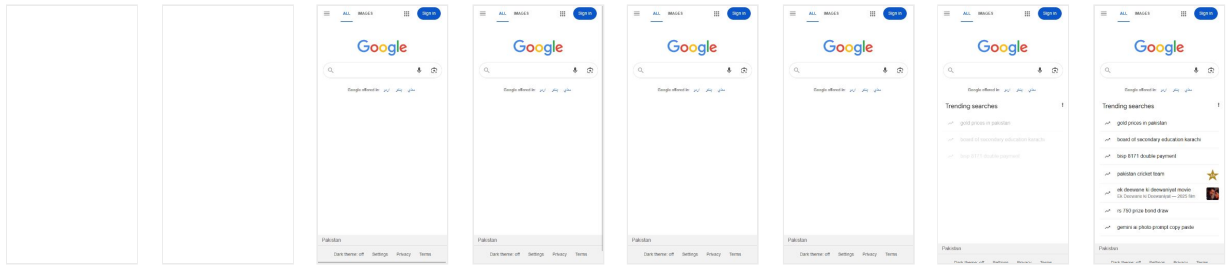
Cumulative Layout Shift

0.013



Speed Index

5.2 s



Later this year, insights will replace performance audits. [Learn more and provide feedback here.](#)

[Go back to audits](#)

Show audits relevant to: [All](#) [FCP](#) [LCP](#) [TBT](#) [CLS](#)

INSIGHTS

▲	Document request latency — Est savings of 580 ms	▼
▲	Forced reflow	▼
▲	Network dependency tree	▼
■	Render blocking requests	▼
○	Layout shift culprits	▼
○	LCP breakdown	▼
○	3rd parties	▼

These insights are also available in the Chrome DevTools Performance Panel - [record a trace](#) to view more detailed information.

DIAGNOSTICS

▲	Minimize main-thread work — 5.7 s	▼
▲	Reduce JavaScript execution time — 3.1 s	▼
▲	Reduce unused JavaScript — Est savings of 303 KiB	▼
■	Reduce unused CSS — Est savings of 11 KiB	▼
○	Avoid long main-thread tasks — 15 long tasks found	▼
○	User Timing marks and measures — 12 user timings	▼

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.



Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so [manual testing](#) is also encouraged.

ARIA



ARIA input fields do not have accessible names



Uses ARIA roles on incompatible elements



These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

TABLES AND LISTS



Lists do not contain only `` elements and script supporting elements (`<script>` and `<template>`).



These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

BEST PRACTICES



Touch targets do not have sufficient size or spacing.



These items highlight common accessibility best practices.

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

NOT APPLICABLE (32)

Show



Best Practices

TRUST AND SAFETY

<input type="radio"/>	Ensure CSP is effective against XSS attacks	▼
<input type="radio"/>	Use a strong HSTS policy	▼
<input type="radio"/>	Ensure proper origin isolation with COOP	▼
<input type="radio"/>	Mitigate DOM-based XSS with Trusted Types	▼

GENERAL

<input type="radio"/>	Detected JavaScript libraries	▼
<input checked="" type="radio"/>	Missing source maps for large first-party JavaScript	▼

PASSED AUDITS (14)

Show

NOT APPLICABLE (2)

Show



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 about Google Search Essentials](#).

CONTENT BEST PRACTICES



Document does not have a meta description



Format your HTML in a way that enables crawlers to better understand your app's content.

CRAWLING AND INDEXING



Links are not crawlable



To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

[Show](#)



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



PASSED AUDITS (6)



[Show](#)

NOT APPLICABLE (2)

[Show](#)

 Captured at Oct 24, 2025, 7:18 AM
GMT+5
 Initial page load

 Emulated Moto G Power with
Lighthouse 12.8.2
 Slow 4G throttling

 Single page session
 Using HeadlessChromium 141.0.0.0
with node