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Advanced CSS

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Lighthouse Recommendations Summary

The webpage I analyzed in this activity was the Google Docs website and the tool I used was Lighthouse. The website did really well in Accessibility and Best Practices, with scores of 93 and 92, respectively. But it didn’t do so well on Performance, with a score of only 53. It also scored an 80 in SEO.

My biggest recommendation to improve their score would be to change their image format. The website currently uses all PNG images, and an image is created and loaded for every document that the profile owner has. The summary said that they should use a next-gen image format, so I would recommend that they convert their images to WebP instead of PNG. Lighthouse said that this would save 4.16 seconds!

Lighthouse also recommends that they should avoid enormous network payloads (mine was 10,166 KiB) and excessive DOM size. But for some profiles this might not be possible, because of how many documents some people have stored. Another big recommendation for this website is to reduce unused CSS and JavaScript. On my profile this would save them a combined total of 1.88 seconds. Using something like UNCSS would be helpful, although for a site this big I’m sure it would take a bit more work than that.