Website Carbon Footprint Report: astro.build

This report provides an assessment of the carbon footprint of visiting the website Astro.build. The data provided is based on various factors including energy consumption and size of the page.

About astro.build

Astro.build is hosted by Vercel, Inc, on a server that runs on sustainable energy. Each view produces an estimated 0.1g of CO2, or 0.054L in terms of volume. The total size of the page is 484.37 KB.

Environmental Efficiency

Impressively, Astro.build ranks better in environmental efficiency than 86% of web pages we've scanned! This means that this web page has a lesser impact on the environment compared to most other websites when visited.

Performance Score

The website received a perfect performance score of 100%, indicating its excellent speed and responsiveness.

Overall Grade: A+

Taking all these factors into account, we've graded the site an A+. This grade reflects both its low environmental impact and high performance.

Traffic Estimate & Carbon Offset

- Astro.build garners approximately 10.46M visits annually, which equates to the CO2 generated by .0.219 cars.
- The website produces CO2 equal to 0.25 Asian elephants annually.
- Our scan suggests that astro.build receives 872,000 visits every month.
- It would take approximately 40 trees annually to offset the CO2 production of Astro.build.

Suggestions for Improvement

Despite the excellent performance and environmental efficiency, there is always room for improvement. Best practices for website optimization include reducing the size of images, minimizing CSS and JavaScript files, and leveraging browser caching. Implementing these strategies can further reduce a website's carbon footprint.

Conclusion

In conclusion, Astro.build is doing an excellent job in terms of both performance and environmental impact. By continuing to focus on sustainable practices and constantly optimizing their website, they can set a standard for other websites to follow.