Carbon Footprint Report for co2.observer

This report evaluates the carbon footprint of the website 'co2.observer'. The data was last updated on Unix timestamp 1719988688.

About co2.observer

The website is hosted by Cloudflare, Inc., on a server that runs on sustainable energy. It is worth celebrating that this web page is cleaner than 78% of web pages we've scanned so far!

Environmental Efficiency

- The total size of the page is 845.94 KB.
- The estimated CO_2 emissions per visit are approximately 0.17g or roughly 0.093L in terms of volume.
- If we consider around one million visits per year, co2.observer produces as much CO_2 as roughly 0.037 cars annually.
- About 178,503 page views will produce CO_2 equal to the weight of a Labrador dog.
- In terms of offsetting these emissions, it'll take approximately 0.81 tree annually to offset the CO_2 production from about ten thousand visits per month to co2.observer.

Evaluation Scores and Grade

In comparison with other websites, co2.observer has an impressive environmental efficiency score of 78% and a performance score of 97%. Considering all this, it has received an 'A+' grade. Despite these high scores, there is always room for improvements in website performance and optimization.

Website Optimization Best Practices

Website optimization involves a variety of techniques to improve the speed and efficiency of a website. Some common best practices include minimizing HTTP requests, reducing server response time, enabling compression and browser caching, optimizing images and CSS delivery, among others. By implementing these strategies, we can make websites faster and more efficient - which not only provides better user experience but also contributes to lower carbon emissions.

In conclusion, co2.observer demonstrates that it's possible to have a high-performing website while being conscious about its environmental impact. It sets an example for other websites to follow by running on sustainable energy and maintaining a small carbon footprint per visit.