

Executive summary: As of 2022-11-26, Tiki doesn't support PHP 8.0 or 8.1. [Tiki24](#) and [Tiki25](#) work beautifully on PHP 7.4. While [official PHP 7.4 support](#) ends in November 2022, various actors of the ecosystem continue support by backporting security patches. The Tiki project will pursue work to support PHP 8.x in [Tiki26](#).

### Details

A major version is a good time for major innovation, including changes that are not backward-compatible.

- PHP 7.0 was released on 2015-12-03, and then we saw 7.1, 7.2, 7.3 and 7.4
- PHP 8.0 was released on 2020-11-26, and then we saw 8.1 and 8.2 (so far)

Backward-incompatible changes once per 5 years is quite reasonable. And Tiki needs to adapt accordingly.

Adoption of PHP8 is slow:

w3techs.com/technologies/details/pl-php

- Content Management
- Server-side Languages
- Client-side Languages
- JavaScript Libraries
- CSS Frameworks
- Web Servers
- Web Panels
- Operating Systems
- Web Hosting
- Data Centers
- Reverse Proxies
- DNS Servers
- Email Servers
- Content Authorities
- Content Delivery
- Analytics Tools
- Advertising Networks
- Tag Managers
- Social Widgets
- Site Elements
- Structured Data
- Markup Languages
- Character Encodings
- Image File Formats
- Proxy Level Domains
- Server Locations
- Content Languages

## Usage statistics of PHP for websites

Request an extensive PHP market report.

[Learn more](#)

These diagrams show the usage statistics of PHP as server-side programming language on the web. See [technologies overview](#) for explanations on the methodologies used in the surveys. Our reports are updated daily.

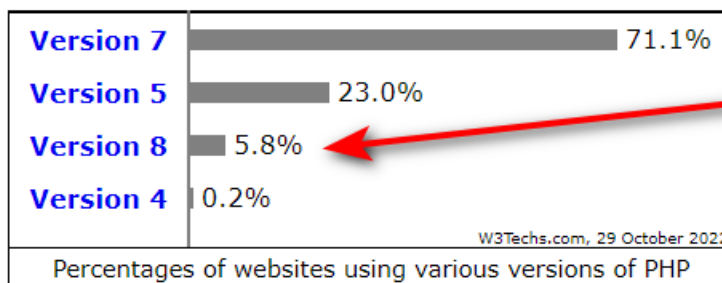
**PHP is used by 77.4%** of all the websites whose server-side programming language we know.

### Versions of PHP

This diagram shows the percentages of websites using various versions of PHP.

How to read the diagram:

Version 7 is used by 71.1% of all the websites who use PHP.



According to W3Techs, PHP 7 is used by 71.1% of all the websites who use PHP. PHP 8 is only at 5.8%, beaten by PHP5 at 23.0%  
 Source: <https://w3techs.com/technologies/details/pl-php>

One way to interpret this is that the community is very pleased with PHP7 and not in a hurry to take advantage of the better performance and features of PHP8. But it's also because it's significant work for some projects.

Some web hosting companies will cease supporting PHP 7.x as soon as PHP does. However, other hosting companies continue to offer it. Some charge extra for this service. They may want to incite clients to move

to PHP 8.x which is better and uses fewer resources (hosting company saves on resources).

Even if PHP doesn't support PHP 7.4 anymore, some Linux distributions will backport security fixes. Check with your hosting provider for details.

The Tiki community has an automatic daily test upgrade from Tiki 24 to Tiki 25 with PHP 8.1 to monitor progress:

[https://dev.tiki.org/Pre-dogfood-servers-for-Tiki-25-release-process#Trunk\\_with\\_PHP81](https://dev.tiki.org/Pre-dogfood-servers-for-Tiki-25-release-process#Trunk_with_PHP81)

Please reach out to Marc Laporte if you can help. At this phase, we need developers that can help adapt code to PHP8 in Tiki, but also in external libraries that we get from [Composer](#).

- Check if external lib supports PHP8. If not, investigate and help make it happen.
- If lib supports PHP8, switch Tiki to use it and make sure everything is working as expected. If not, help make it happen.

Once that has been done for all libraries, we'll be looking for volunteers to test Tiki instances with PHP8. Doing so with [GlitchTip](#) would increase efficiency in bug reporting.

PHP8 brings massive innovations and will facilitate improving many things in Tiki, notably performance, error reporting and [Realtime](#) handling.

With such a big code base / feature set, it is a lot of work (and during some of the same period as the move from [Bootstrap](#) 4 to 5). If you have financial resources to sponsor the work, please reach out to Marc Laporte.

#### Related links

- [Versions](#)
- [Requirements](#)
- <https://tiki.org/forumthread78628-Tiki-24-and-PHP-8>
- <https://www.php.net/manual/en/migration80.incompatible.php>
- <https://www.php.net/releases/8.0/en.php>
- <https://www.php.net/manual/en/migration81.incompatible.php>
- <https://www.php.net/releases/8.1/en.php>
- <https://github.com/remicollet/php-src-security>
- <https://www.freexian.com/lts/php/>
- <https://thephp.foundation/blog/2022/11/30/php-core-roundup-8/>