**[Classes vs Enums](https://php.watch/versions/8.1/enums" \l "class-vs-enums)**

Enums store **fixed values**, with **optional backed values**, and they **do not allow state**. They serve **distinctly different purposes**, but Enums share *some* semantics with classes.

|  | **Classes** | **Enums** |
| --- | --- | --- |
| Syntax | class Foo {} | enum Foo {} |
| [Properties](https://php.watch/versions/8.1/enums#enum-properties) | ✔ | ✘ |
| [Static Properties](https://php.watch/versions/8.1/enums#enum-properties) | ✔ | ✘ |
| [Methods](https://php.watch/versions/8.1/enums#enum-methods) | ✔ | ✔ |
| [Static Methods](https://php.watch/versions/8.1/enums#enum-methods) | ✔ | ✔ |
| [Autoloading](https://php.watch/versions/8.1/enums#class-semantics-autoload) | ✔ | ✔ |
| [Instantiating: new Foo()](https://php.watch/versions/8.1/enums#enum-ctor) | ✔ | ✘ |
| [Implement interfaces](https://php.watch/versions/8.1/enums#enum-interfaces) | ✔ | ✔ |
| [Inheritance: Foo extends Bar](https://php.watch/versions/8.1/enums#enum-inheritance) | ✔ | ✘ |
| Magic Constants: ::class, \_\_CLASS\_\_, etc. | ✔ | ✔ |
| [Object Comparison](https://php.watch/versions/8.1/enums#enum-comparison) Foo === Foo | Not equal | Equals |
| [Traits](https://php.watch/versions/8.1/enums#enum-traits) | Supports | Supports without properties |