

# PHP trim() Function

[< PHP String Reference](#)

## Example

Remove characters from both sides of a string ("He" in "Hello" and "d!" in "World"):

```
<?php
$str = "Hello World!";
echo $str . "<br>";
echo trim($str,"Hed!");
?>
```

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## Definition and Usage

The trim() function removes whitespace and other predefined characters from both sides of a string.

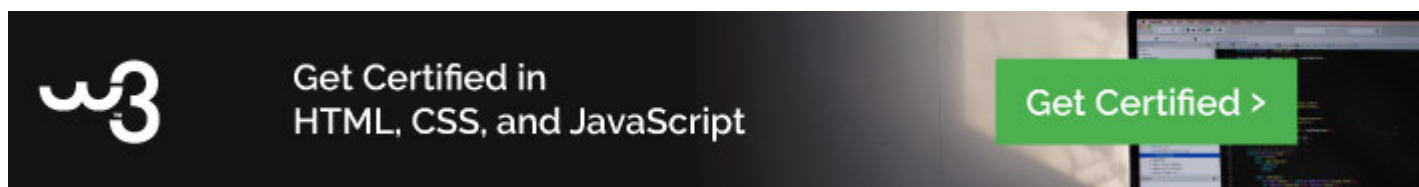
Related functions:

- [ltrim\(\)](#) - Removes whitespace or other predefined characters from the left side of a string
- [rtrim\(\)](#) - Removes whitespace or other predefined characters from the right side of a string

## Syntax

```
trim(string,charlist)
```

Parameter	Description
<i>string</i>	Required. Specifies the string to check
<i>charlist</i>	Optional. Specifies which characters to remove from the string. If omitted, all of the following characters are removed: <ul style="list-style-type: none"><li>• "\0" - NULL</li><li>• "\t" - tab</li><li>• "\n" - new line</li><li>• "\x0B" - vertical tab</li><li>• "\r" - carriage return</li><li>• " " - ordinary white space</li></ul>



## Technical Details

<b>Return Value:</b>	Returns the modified string
<b>PHP Version:</b>	4+
<b>Changelog:</b>	The <i>charlist</i> parameter was added in PHP 4.1

## More Examples

### Example 1

Remove whitespaces from both sides of a string:

```
<?php
$str = " Hello World! ";
echo "Without trim: " . $str;
echo "<br>";
echo "With trim: " . trim($str);
?>
```

The HTML output of the code above will be (View Source):

```
<!DOCTYPE html>
<html>
<body>

Without trim:  Hello World! <br>With trim: Hello World!
</body>
</html>
```

The browser output of the code above will be:

```
Without trim: Hello World!
With trim: Hello World!
```

[Run example »](#)

## Example 2

Remove newlines (\n) from both sides of the string:

```
<?php
$str = "\n\n\nHello World!\n\n\n";
echo "Without trim: " . $str;
echo "<br>";
echo "With trim: " . trim($str);
?>
```

The HTML output of the code above will be (View Source):

```
<!DOCTYPE html>
<html>
<body>
```

Without trim:

Hello World!

```
<br>With trim: Hello World!
</body>
</html>
```

The browser output of the code above will be:

```
Without trim: Hello World!
With trim: Hello World!
```

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