



***Linux Ubuntu 26.04 Manual Pages on command 'wcswidth.3'***

***\$ man wcswidth.3***

wcswidth(3) Library Functions Manual wcswidth(3)

## NAME \_\_\_\_\_

wcswidth - determine columns needed for a fixed-size wide-character string

## LIBRARY

Standard C library (libc, -lc)

## SYNOPSIS

```
#define _XOPEN_SOURCE           /* See feature_test_macros(7) */

#include <wchar.h>

int wcswidth(const wchar_t *s, size_t n);
```

## DESCRIPTION

The `wcswidth()` function returns the number of columns needed to represent the wide-character string pointed to by `s`, but at most `n` wide characters. If a nonprintable wide character occurs among these characters, `-1` is returned.

## RETURN VALUE

The `wcswidth()` function returns the number of column positions for the wide-character string `s`, truncated to at most length `n`.

## ATTRIBUTES

For an explanation of the terms used in this section, see `attributes(7)`.

[illegible]

| ? | Interface | ? | Attribute | ? | Value | ? |
|---|-----------|---|-----------|---|-------|---|
|---|-----------|---|-----------|---|-------|---|

[illegible]

? wcswidth()                      ? Thread safety ? MT-Safe locale ?

[illegible]

## STANDARDS

POSIX.1-2008.

## HISTORY

POSIX.1-2001.

## NOTES

The behavior of `wcswidth()` depends on the `LC_CTYPE` category of the current locale.

## SEE ALSO

`iswprint(3)`, `wcwidth(3)`

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`wcswidth(3)`