

**NAME**

iswgraph - test for graphic wide character

**SYNOPSIS**

```
#include <wctype.h>

int iswgraph(wint_t wc);
```

**DESCRIPTION**

The **iswgraph()** function is the wide-character equivalent of the [isgraph\(3\)](#) function. It tests whether *wc* is a wide character belonging to the wide-character class graph.

The wide-character class graph is a subclass of the wide-character class print.

Being a subclass of the wide-character class print, the wide-character class graph is disjoint from the wide-character class cntrl.

The wide-character class graph is disjoint from the wide-character class space and therefore also disjoint from its subclass blank.

The wide-character class graph contains all the wide characters from the wide-character class print except the space character. It therefore contains the wide-character classes alnum and punct.

**RETURN VALUE**

The **iswgraph()** function returns nonzero if *wc* is a wide character belonging to the wide-character class graph. Otherwise, it returns zero.

**CONFORMING TO**

C99.

**NOTES**

The behavior of **iswgraph()** depends on the **LC\_CTYPE** category of the current locale.

**SEE ALSO**

[isgraph\(3\)](#), [iswctype\(3\)](#)

**COLOPHON**

This page is part of release 3.74 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <http://www.kernel.org/doc/man-pages/>.