



## Rocky Enterprise Linux 9.2 Manual Pages on command 'conj.3'

C:~>man conj.3

CONJ(3) Linux Programmer's Manual CONJ(3)

### NAME

conj, conjf, conjl - calculate the complex conjugate

### SYNOPSIS

```
#include <complex.h>
```

```
double complex conj(double complex z);
```

```
float complex conjf(float complex z);
```

```
long double complex conjl(long double complex z);
```

Link with -lm.

### DESCRIPTION

These functions return the complex conjugate value of  $z$ . That is the value obtained by changing the sign of the imaginary part.

One has:

$$\text{cabs}(z) = \text{csqrt}(z * \text{conj}(z))$$

### VERSIONS

These functions first appeared in glibc in version 2.1.

### ATTRIBUTES

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

??

?Interface ? Attribute ? Value ?

??

?conj(), conjf(), conjl() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

C99, POSIX.1-2001, POSIX.1-2008.

SEE ALSO

cabs(3), csqrt(3), complex(7)

COLOPHON

This page is part of release 5.05 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 <https://www.kernel.org/doc/man-pages/>.

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