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Linux Ubuntu 26.04 Manual Pages on command 'conjl.3'

$ man conjl.3

conj(3) Library Functions Manual conj(3)

NAME

conj, conjf, conjl - calculate the complex conjugate

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <complex.h>

double complex conj(double complex z);

float complex conjf(float complex z);

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

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:

```
cabs(z) = csqrt(z * conj(z))
```

ATTRIBUTES

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

Interface	Attribute	Value
conj(), conjf(), conjl()	Thread safety	MT-Safe

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

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