



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

\$ man ccosl.3

ccos(3) Library Functions Manual ccos(3)

NAME

ccos, ccosf, ccosl - complex cosine function

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <complex.h>

double complex ccos(double complex z);

float complex ccosf(float complex z);

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

DESCRIPTION

These functions calculate the complex cosine of z.

The complex cosine function is defined as:

$$ccos(z) = (\exp(i * z) + \exp(-i * z)) / 2$$

ATTRIBUTES

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

Interface	Attribute	Value
ccos(), ccosf(), ccosl()	Thread safety	MT-Safe

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

cabs(3), cacos(3), csin(3), ctan(3), complex(7)

Linux man-pages 6.17

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