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### Red Hat Enterprise Linux Release 9.2 Manual Pages on 'ccosl.3' command

\$ man ccosl.3

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

#### NAME

ccos, ccosf, ccosl - complex cosine function

#### SYNOPSIS

#include <complex.h>  
double complex ccos(double complex z);  
float complex ccosf(float complex z);  
long double complex ccosl(long double complex z);  
Link with -lm.

#### DESCRIPTION

These functions calculate the complex cosine of z.  
The complex cosine function is defined as:

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

#### VERSIONS

These functions first appeared in glibc in version 2.1.

#### ATTRIBUTES

For an explanation of the terms used in this section, see at?

tributes(7).

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?Interface ? Attribute ? Value ?

??

?ccos(), ccosf(), ccosl() ? Thread safety ? MT-Safe ?

??

## CONFORMING TO

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

## SEE ALSO

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

## COLOPHON

This page is part of release 5.10 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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