



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

C:\>man ccos.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:

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

### VERSIONS

These functions first appeared in glibc in version 2.1.

### ATTRIBUTES

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

??

?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 5.05 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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CCOS(3)