



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

\$ man ccos.3

ccos(3) Library Functions Manual ccos(3)

NAME _____

ccos, ccosh, 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:

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

ATTRIBUTES

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

[illegible]

? Interface	? Attribute	? Value	?
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[illegible]

? ccos(), ccosf(), ccosl()

[illegible]

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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