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***Rocky Enterprise Linux 9.2 Manual Pages on command 'cexp2.3'***

**\$ man cexp2.3**

CEXP2(3)

Linux Programmer's Manual

CEXP2(3)

## NAME

cexp2, cexp2f, cexp2l - base-2 exponent of a complex number

## SYNOPSIS

```
#include <complex.h>

double complex cexp2(double complex z);

float complex cexp2f(float complex z);

long double complex cexp2l(long double complex z);
```

Link with -lm.

## DESCRIPTION

The function returns 2 raised to the power of z.

## CONFORMING TO

These function names are reserved for future use in C99.

As at version 2.31, these functions are not provided in glibc.

## SEE ALSO

cabs(3), cexp(3), clog10(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/>.