

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.

AVAILABILITY

Not yet in glibc, as at version 2.19.

SEE ALSO

[cabs\(3\)](#), [cexp\(3\)](#), [clog10\(3\)](#), [complex\(7\)](#)

COLOPHON

This page is part of release 4.16 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/>.