



## ***Rocky Enterprise Linux 9.2 Manual Pages on command 'clog2.3'***

**C:\>man clog2.3**

CLOG2(3)                      Linux Programmer's Manual                      CLOG2(3)

### NAME

clog2, clog2f, clog2l - base-2 logarithm of a complex number

### SYNOPSIS

```
#include <complex.h>
```

```
double complex clog2(double complex z);
```

```
float complex clog2f(float complex z);
```

```
long double complex clog2l(long double complex z);
```

### DESCRIPTION

The call `clog2(z)` is equivalent to `clog(z)/log(2)`.

The other functions perform the same task for float and long double.

Note that `z` close to zero will cause an overflow.

### 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)`, `clog(3)`, `clog10(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/>.

