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

#### ***\$ 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.  
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 5.10 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/>.