



Linux Ubuntu 26.04 Manual Pages on command 'clog2.3'

\$ man clog2.3

clog2(3)

Library Functions Manual

clog2(3)

NAME _____

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

LIBRARY

Math library (libm, -lm)

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.

STANDARDS

None.

HISTORY

These function names are reserved for future use in C99.

Not yet in glibc, as at glibc 2.19.

SEE ALSO

cabs(3), cexp(3), clog(3), clog10(3), complex(7)