



## ***Linux Ubuntu 26.04 Manual Pages on command 'clog2f.3'***

**\$ man clog2f.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)`