

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

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