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Linux Ubuntu 26.04 Manual Pages on command 'clog10.3'

$ man clog10.3

clog10(3) Library Functions Manual clog10(3)

NAME

clog10, clog10f, clog10l - base-10 logarithm of a complex number

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#define _GNU_SOURCE         /* See feature_test_macros(7) */
#include <complex.h>
double complex clog10(double complex z);
float complex clog10f(float complex z);
long double complex clog10l(long double complex z);
```

DESCRIPTION

The call clog10(z) is equivalent to:

```
clog(z)/log(10)
```

or equally:

```
log10(cabs(c)) + I * carg(c) / log(10)
```

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

Note that z close to zero will cause an overflow.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

```
????????????????????????????????????????????????????????????????????????????????????????????????????????????????
? Interface                                    ? Attribute     ? Value   ?
????????????????????????????????????????????????????????????????????????????????????????????????????????????????
```

? clog10(), clog10f(), clog10l() ? Thread safety ? MT-Safe ?

??

STANDARDS

GNU.

HISTORY

glibc 2.1.

The identifiers are reserved for future use in C99 and C11.

SEE ALSO

cabs(3), cexp(3), clog(3), clog2(3), complex(7)