



Linux Ubuntu 26.04 Manual Pages on command 'clog10l.3'

```
$ man clog10l.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:

 $\text{clog}(z)/\log(10)$

or equally:

$$\log_{10}(\text{cabs}(c)) + l * \text{carg}(c) / \log(10)$$

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)`.

[illegible]

?	Interface	?	Attribute	?	Value	?
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[illegible]

