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Rocky Enterprise Linux 9.2 Manual Pages on command 'log10l.3'

\$ man log10l.3

LOG10(3) Linux Programmer's Manual LOG10(3)

NAME

`log10, log10f, log10l` - base-10 logarithmic function

SYNOPSIS

```
#include <math.h>

double log10(double x);

float log10f(float x);

long double log10l(long double x);
```

Link with -Im.

Feature Test Macro Requirements for glibc (see `feature_test_macros(7)`):

`log10f()`, `log10l()`:

```
_ISOC99_SOURCE || _POSIX_C_SOURCE >= 200112L
|| /* Since glibc 2.19: */ _DEFAULT_SOURCE
|| /* Glibc versions <= 2.19: */ _BSD_SOURCE || _SVID_SOURCE
```

DESCRIPTION

These functions return the base 10 logarithm of x.

RETURN VALUE

On success, these functions return the base 10 logarithm of x .

For special cases, including where x is 0, 1, negative, infinity, or NaN, see [log\(3\)](#).

ERRORS

See [math_error\(7\)](#) for information on how to determine whether an error has occurred when calling these functions.

For a discussion of the errors that can occur for these functions, see [log\(3\)](#).

ATTRIBUTES

For an explanation of the terms used in this section, see [at?](#) [tributes\(7\)](#).

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?Interface ? Attribute ? Value ?

??

?log10(), log10f(), log10l() ? Thread safety ? MT-Safe ?

??

CONFORMING TO

C99, POSIX.1-2001, POSIX.1-2008.

The variant returning double also conforms to SVr4, 4.3BSD, C89.

SEE ALSO

[cbrt\(3\)](#), [clog10\(3\)](#), [exp10\(3\)](#), [log\(3\)](#), [log2\(3\)](#), [sqrt\(3\)](#)

COLOPHON

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