



Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'log10l.3' command

\$ 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 occurred.

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)`.

??

?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

This page is part of release 5.10 of the Linux man-pages project. A
description of the project, information about reporting bugs, and the
latest version of this page, can be found at
<https://www.kernel.org/doc/man-pages/>.

2017-09-15

LOG10(3)