



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

\$ man cpow.3

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

NAME

cpow, cpowf, cpowl - complex power function

SYNOPSIS

```
#include <complex.h>

double complex cpow(double complex x, complex double z);

float complex cpowf(float complex x, complex float z);

long double complex cpowl(long double complex x,
                           complex long double z);
```

Link with -lm.

DESCRIPTION

These functions calculate x raised to the power z (with a branch cut for x along the negative real axis.)

VERSIONS

These functions first appeared in glibc in version 2.1.

ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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?cpow(), cpowf(), cpowl() ? Thread safety ? MT-Safe ?

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CONFORMING TO

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

SEE ALSO

cabs(3), pow(3), complex(7)

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/>.

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