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*Rocky Enterprise Linux 9.2 Manual Pages on command 'cpowl.3'*

**\$ man cpowl.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 -Im

## 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).

?Interface      ? Attribute      ? Value      ?

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

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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