



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

\$ man cpow.3

cpow(3) Library Functions Manual cpow(3)

NAME

cpow, cpowf, cpowl - complex power function

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <complex.h>

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

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

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

DESCRIPTION

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

ATTRIBUTES

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

Interface	Attribute	Value
cpow(), cpowf(), cpowl()	Thread safety	MT-Safe

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

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

Linux man-pages 6.17

2026-02-08

cpow(3)