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

$ man cimag.3

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

NAME

    cimag, cimagf, cimagl - get imaginary part of a complex number

SYNOPSIS

    #include <complex.h>

    double cimag(double complex z);

    float cimagf(float complex z);

    long double cimagl(long double complex z);

    Link with -lm.

DESCRIPTION

    These functions return the imaginary part of the complex number z.

    One has:

       z = creal(z) + I * cimag(z)

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   ?

    ??

    ?cimag(), cimagf(), cimagl() ? Thread safety ? MT-Safe ?

    ??

CONFORMING TO

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

NOTES

gcc also supports __imag__. That is a GNU extension.

SEE ALSO

cabs(3), creal(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/.

<div align="center">2015-04-19   CIMAG(3)</div>