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

$ man ccoshf.3

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

NAME

    ccosh, ccoshf, ccoshl - complex hyperbolic cosine

SYNOPSIS

    #include <complex.h>

    double complex ccosh(double complex z);

    float complex ccoshf(float complex z);

    long double complex ccoshl(long double complex z);

    Link with -lm.

DESCRIPTION

    These functions calculate the complex hyperbolic cosine of z.

    The complex hyperbolic cosine function is defined as:

    $$ccosh(z) = (exp(z)+exp(-z))/2$$

VERSIONS

    These functions first appeared in glibc in version 2.1.

CONFORMING TO

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

SEE ALSO

    cabs(3), cacosh(3), csinh(3), ctanh(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/.