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

$ man csinh.3

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

NAME

    csinh, csinhf, csinhl - complex hyperbolic sine

SYNOPSIS

    #include <complex.h>

    double complex csinh(double complex z);

    float complex csinhf(float complex z);

    long double complex csinhl(long double complex z);

    Link with -lm.

DESCRIPTION

    These functions calculate the complex hyperbolic sine of z.

    The complex hyperbolic sine function is defined as:

      $csinh(z) = (exp(z)-exp(-z))/2$

VERSIONS

    These functions first appeared in glibc in version 2.1.

ATTRIBUTES

    For an explanation of the terms used in this section, see at‐

    tributes(7).

    ???

    ?Interface   ? Attribute   ? Value   ?

    ???

    ?csinh(), csinhf(), csinhl() ? Thread safety ? MT-Safe ?

    ???

CONFORMING TO

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

SEE ALSO

cabs(3), casinh(3), ccosh(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/.