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

\$ man csinhf.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:
$$\operatorname{csinh}(z) = (\exp(z) - \exp(-z)) / 2$$

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/>.

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