MyWebUniversity
python™ Manual Pages ubuntu FPDF Library PDF generator FPDF
Full credit is given to the above companies including the OS that this PDF file was generated!

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

$ man csinh.3

csinh(3) Library Functions Manual csinh(3)

NAME

csinh, csinhf, csinhl - complex hyperbolic sine

LIBRARY

Math library (libm, -lm)

SYNOPSIS

```
#include <complex.h>

double complex csinh(double complex z);

float complex csinhf(float complex z);

long double complex csinhl(long double complex z);
```

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

ATTRIBUTES

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

Interface	Attribute	Value
csinh(), csinhf(), csinhl()	Thread safety	MT-Safe

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

cabs(3), casinh(3), ccosh(3), ctanh(3), complex(7)