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

$ man ctanh.3

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

NAME

   ctanh, ctanhf, ctanhl - complex hyperbolic tangent

SYNOPSIS

   #include <complex.h>

   double complex ctanh(double complex z);

   float complex ctanhf(float complex z);

   long double complex ctanhl(long double complex z);

   Link with -lm.

DESCRIPTION

   These functions calculate the complex hyperbolic tangent of z.

   The complex hyperbolic tangent function is defined mathematically as:

   ctanh(z) = csinh(z) / ccosh(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   ?

   ???

   ?ctanh(), ctanhf(), ctanhl() ? Thread safety ? MT-Safe ?

   ???

CONFORMING TO

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

SEE ALSO

cabs(3), catanh(3), ccosh(3), csinh(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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