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

$ man ctanhl.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 at?

    tributes(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/.