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# Rocky Enterprise Linux 9.2 Manual Pages on command 'ctanf.3'

### \$ man ctanf.3

CTAN(3)

Linux Programmer's Manual

CTAN(3)

NAME

ctan, ctanf, ctanl - complex tangent function

#### **SYNOPSIS**

#include <complex.h>

double complex ctan(double complex z);

float complex ctanf(float complex z);

long double complex ctanl(long double complex z);

Link with -lm.

#### **DESCRIPTION**

These functions calculate the complex tangent of z.

The complex tangent function is defined as:

ctan(z) = csin(z) / ccos(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 ?

?ctan(), ctanf(), ctanl() ? Thread safety ? MT-Safe ?

### **CONFORMING TO**

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

# SEE ALSO

cabs(3), catan(3), ccos(3), csin(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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