

NAME

ccos, **ccosf**, **csin**, **csinf**, **ctan**, **ctanf** - complex trigonometric functions

LIBRARY

Math Library (libm, -lm)

SYNOPSIS

#include <complex.h>

double complex

ccos(*double complex z*);

float complex

ccosf(*float complex z*);

double complex

csin(*double complex z*);

float complex

csinf(*float complex z*);

double complex

ctan(*double complex z*);

float complex

ctanf(*float complex z*);

DESCRIPTION

The **ccos**(), **csin**(), and **ctan**() functions compute the cosine, sine, and tangent of the complex number *z*, respectively. The **ccosf**(), **csinf**(), and **ctanf**() functions perform the same operations in *float* precision.

SEE ALSO

cacos(3), ccosh(3), complex(3), cos(3), math(3), sin(3), tan(3)

STANDARDS

These functions conform to ISO/IEC 9899:1999 ("ISO C99").