NAME
creal, crealf, creall − get real part of a complex number

SYNOPSIS
#include <complex.h>

double creal(double complex *z***);**
float crealf(float complex *z***);**
long double creall(long double complex *z***);**

Link with −*lm*.

DESCRIPTION
These functions return the real part of the complex number *z*.

One has:

z = creal(z) + I * cimag(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
creal(), **crealf**(), **creall**()	Thread safety	MT-Safe

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

NOTES
The gcc supports also __real__. That is a GNU extension.

SEE ALSO
cabs(3), cimag(3), complex(7)

COLOPHON
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