



Linux Ubuntu 26.04 Manual Pages on command 'creall.3'

creal(3) Library Functions Manual creal(3)

creal, crealf, creall - get real part of a complex number

Math library (libm, -lm)

```
#include <complex.h>

double creal(double complex z);

float crealf(float complex z);

long double creall(long double complex z);
```

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

One has:

$$z = \text{creal}(z) + i * \text{cimag}(z)$$

For an explanation of the terms used in this section, see `attributes(7)`.

[illegible]

?	Interface	?	Attribute	?	Value	?
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[illegible]

Function	Thread safety	MT-Safe
? creat(), crealf(), creatll()		

[illegible]

GCC supports also `__real__`. That is a GNU extension.

STANDARDS

C11, POSIX.1-2008.

HISTORY

glibc 2.1. C99, POSIX.1-2001.

SEE ALSO

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

Linux man-pages 6.17

2026-02-08

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