cimagf `float cimagf(float complex z);`
cimagl `long double cimagl(long double complex z);`

Returns Imaginary part of z. *27.4*

---

clearerr — *Clear Stream Error* — <stdio.h>

```
void clearerr(FILE *stream);
```

Clears the end-of-file and error indicators for the stream pointed to by `stream`. *22.3*

---

clock — *Processor Clock* — <time.h>

```
clock_t clock(void);
```

Returns Elapsed processor time (measured in "clock ticks") since the beginning of program execution. (To convert into seconds, divide by `CLOCKS_PER_SEC`.) Returns `(clock_t) (-1)` if the time is unavailable or can't be represented. *26.3*

---

clog — *Complex Natural Logarithm (C99)* — <complex.h>

```
double complex clog(double complex z);
```
clogf `float complex clogf(float complex z);`
clogl `long double complex clogl(long double complex z);`

Returns Complex natural (base-e) logarithm of z, with a branch cut along the negative real axis. The return value lies in a strip mathematically unbounded along the real axis and in the interval $[-i\pi, +i\pi]$ along the imaginary axis. *27.4*

---

conj — *Complex Conjugate (C99)* — <complex.h>

```
double complex conj(double complex z);
```
conjf `float complex conjf(float complex z);`
conjl `long double complex conjl(long double complex z);`

Returns Complex conjugate of z. *27.4*

---

copysign — *Copy Sign (C99)* — <math.h>

```
double copysign(double x, double y);
```
copysignf `float copysignf(float x, float y);`
copysignl `long double copysignl(long double x, long double y);`

Returns A value with the magnitude of x and the sign of y. *23.4*

---

cos — *Cosine* — <math.h>

```
double cos(double x);
```
cosf `float cosf(float x);`
cosl `long double cosl(long double x);`

Returns Cosine of x (measured in radians). *23.3*

---

cosh — *Hyperbolic Cosine* — <math.h>

```
double cosh(double x);
```
coshf `float coshf(float x);`