

Trigonometric Functions

<code>float acosf(float x);</code>	<i>see</i> <code>acos</code>
<code>long double acosl(long double x);</code>	<i>see</i> <code>acos</code>
<code>float asinf(float x);</code>	<i>see</i> <code>asin</code>
<code>long double asinl(long double x);</code>	<i>see</i> <code>asin</code>
<code>float atanf(float x);</code>	<i>see</i> <code>atan</code>
<code>long double atanl(long double x);</code>	<i>see</i> <code>atan</code>
<code>float atan2f(float y, float x);</code>	<i>see</i> <code>atan2</code>
<code>long double atan2l(long double y, long double x);</code>	<i>see</i> <code>atan2</code>
<code>float cosf(float x);</code>	<i>see</i> <code>cos</code>
<code>long double cosl(long double x);</code>	<i>see</i> <code>cos</code>
<code>float sinf(float x);</code>	<i>see</i> <code>sin</code>
<code>long double sinl(long double x);</code>	<i>see</i> <code>sin</code>
<code>float tanf(float x);</code>	<i>see</i> <code>tan</code>
<code>long double tanl(long double x);</code>	<i>see</i> <code>tan</code>

The only new trigonometric functions in C99 are analogs of C89 functions. For descriptions, see the corresponding functions in Section 23.3.

Hyperbolic Functions

<code>double acosh(double x);</code>	
<code>float acoshf(float x);</code>	
<code>long double acoshl(long double x);</code>	
<code>double asinh(double x);</code>	
<code>float asinhf(float x);</code>	
<code>long double asinhl(long double x);</code>	
<code>double atanh(double x);</code>	
<code>float atanhf(float x);</code>	
<code>long double atanh1(long double x);</code>	
<code>float coshf(float x);</code>	<i>see</i> <code>cosh</code>
<code>long double coshl(long double x);</code>	<i>see</i> <code>cosh</code>
<code>float sinh1(float x);</code>	<i>see</i> <code>sinh</code>
<code>long double sinhl(long double x);</code>	<i>see</i> <code>sinh</code>
<code>float tanhf(float x);</code>	<i>see</i> <code>tanh</code>
<code>long double tanhl(long double x);</code>	<i>see</i> <code>tanh</code>