

[simd](#) / `simd_distance`

Function

simd_distance

Returns the distance between two vectors.

```
static _Float16 simd_distance(simd_half16 __x, simd_half16 __y);
```

See Also

Length and distance functions

`simd_length`

Returns the length of a vector.

`simd_fast_length`

Returns the fast length of a vector.

`simd_precise_length`

Returns the precise length of a vector.

`simd_length_squared`

Returns the square of the length of a vector.

`simd_fast_distance`

Returns the fast distance between two vectors.

`simd_precise_distance`

Returns the precise distance between two vectors.

`simd_distance_squared`

Returns the square of the distance between two vectors.