

complex.tanh

...

```
Copy fntanh(self:T)->T;
```

...

Returns the value of the hyperbolic tangent of the complex number.

Args

- self
- (T
-) - The input complex number.
-

Returns

The hyperbolic tangent of the input complex number.

Examples

...

```
Copy useorion::numbers::complex_number::{complex_trait::ComplexTrait, complex64::complex64}; useorion::numbers::{FP64x64,FP64x64Impl,FixedTrait};
```

```
fntanh_complex64_example()->complex64 { letz:complex64=ComplexTrait::new(FixedTrait::new(36893488147419103232,false), FixedTrait::new(55340232221128654848,false) );// 2 + 3i z.tanh() }  
  
    {real:{mag:17808227710002974080, sign:false}, im:{mag:182334107030204896, sign:true}}// 0.96538587902 + 0.009884375i
```

...

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