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(5534023222112865484 8,false) );// 2 + 3i z.tanh() }

                {real:{mag:17808227710002974080, sign:false}, im:{mag:182334107030204896,
                sign:true}}// 0.96538587902 + 0.009884375i

```

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