

# complex.tan

...

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

...

Returns the tangent of the complex number.

Args

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

A complex number representing the tan of the input value.

Examples

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

```
fntan_complex64_example()->complex64 { let z:complex64=ComplexTrait::new(
FixedTrait::new(36893488147419103232,false), FixedTrait::new(55340232221128654848,false) );// 2 + 3i z.tan() }

{real:{mag:69433898428143694, sign:true}, im:{mag:18506486100303669886,
sign:false}}// -0.00376402 + 1.00323862i
```

...

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