

Converting Colors

CIELCh(66, 62.715, 37.830)

Have a look what the booklet for
CIELCh(66, 62.715, 37.830) contains.

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Color

CIELCh(66, 62.893, 38.050)

Conversions

Conversions Part 1

Format	Color
Hex	FF785E
RGB	255, 120, 94
RGB Percent	100%, 47%, 37%
CMY	0.0017, 0.5308, 0.6327
CMYK	0.00, 0.53, 0.63, 0.00
HSL	10°, 99%, 68%
HSV	10°, 63%, 100%
XYZ	49.7579, 35.3238, 14.7064
YIQ	157.4010, 88.8060, 20.5340

Conversions

Conversions Part 2

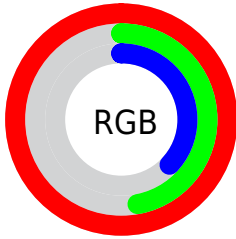
Format	Color
R _Y B	255, 125, 94
Decimal	16742494
CIE Lab	66.00, 49.53, 38.76
CIE LCh	66, 62.893, 38.050
Yxy	35.3238, 0.4986, 0.3540
Android (android.graphics.Color)	4294932574 (0xFFFF785E)
YUV	157.4010, -31.2567, 85.5943
Hunter-Lab	59.4338, 45.4307, 26.9329

Details

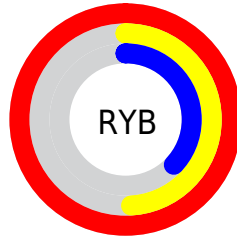
The CIELCh color **66, 62.893, 38.050** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **85, 37.375, 218.990**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 37.503, 46.503**, and **46, 62.668, 37.928** is the 20% darker color. If you saturate the color by 10%, you get **62, 74.963, 39.431**, and if you desaturate by 10%, it is **71, 51.097, 36.945**.

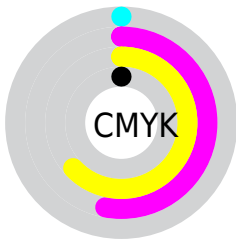
Distribution



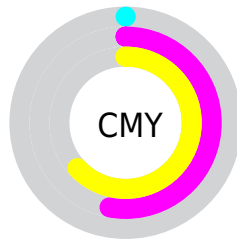
- Red (100%)
- Green (47%)
- Blue (37%)



- Red (100%)
- Yellow (49%)
- Blue (37%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (53%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 62.893, 38.050 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 66, 62.893, 38.050 by changing the saturation by 10% instead.

 66, 62.893, 38.050

 66, 62.893, 38.050

 100, 62.893,
38.050

 56, 62.893, 38.050

 86, 62.893, 38.050

 46, 62.893, 38.050

 96, 62.893, 38.050

 36, 62.893, 38.050

 26, 62.893, 38.050

 16, 62.893, 38.050

 6, 62.893, 38.050

 0, 62.893, 38.050

 66, 62.893, 38.050

 66, 62.893, 38.050

 62, 74.963, 39.431

 71, 51.097, 36.945

■ 59, 86.642, 40.888

■ 76, 39.893, 36.132

■ 56, 96.434, 41.862

■ 81, 29.414, 35.582

■ 55, 101.179,
42.040

■ 86, 19.704, 35.244

■ 92, 10.749, 35.059

■ 98, 2.502, 34.829

100, 0.150,
203.808

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



66, 62.893, 38.050



85, 37.375, 218.990

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 62.893, 38.050



66, 62.893, 88.050



66, 62.893, 218.050



66, 62.893, 268.050

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



66, 62.890, 38.053



89, 15.869, 35.151



66, 84.950, 332.832



46, 11.055, 35.212



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66, 62.890, 38.053



61, 78.419, 39.846



83, 59.491, 81.033



50, 4.562, 35.010



41, 81.196, 42.381



11, 30.544, 35.102

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85, 37.375, 218.990



83, 40.921, 221.280



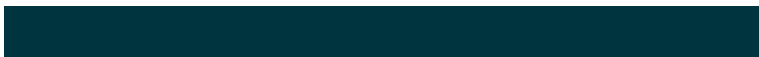
63, 59.100, 283.069



52, 4.291, 215.292



61, 35.068, 227.220



20, 16.178, 223.015

Previews

White Background



This preview shows how the CIELCh color 66, 62.893, 38.050 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 62.893, 38.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 62.893, 38.050

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.893, 38.050.

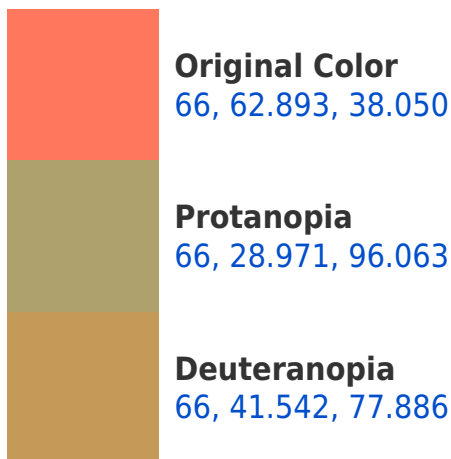


This preview shows how white text looks on a background with the CIELCh color 66, 62.893, 38.050.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



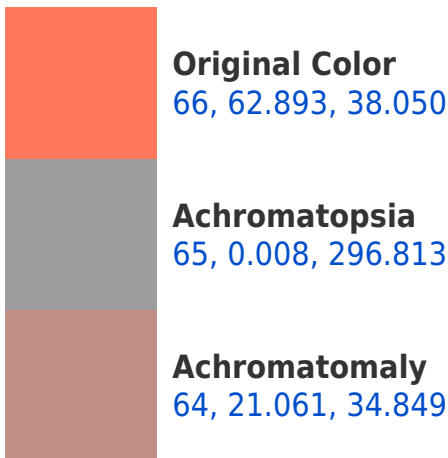


Tritanopia
66, 57.846, 22.159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.893, 38.050 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 120, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 94)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 120, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.893, 38.050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 120, 94) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(255, 120, 94) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 120, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.893, 38.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 94) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
120, 94) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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