

Converting Colors

CIELCh(66, 63.115, 37.623)

Have a look what the booklet for
CIELCh(66, 63.115, 37.623) contains.

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Color

CIELCh(66, 63.129, 37.623)

Conversions

Conversions Part 1

Format	Color
Hex	FF775E
RGB	255, 119, 94
RGB Percent	100%, 47%, 37%
CMY	0.0000, 0.5328, 0.6309
CMYK	0.00, 0.53, 0.63, 0.00
HSL	9°, 100%, 68%
HSV	9°, 63%, 100%
XYZ	49.9339, 35.3238, 14.8038
YIQ	156.8140, 89.0810, 21.0570

Conversions

Conversions Part 2

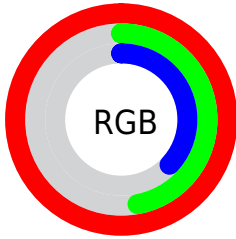
Format	Color
R _Y B	255, 124, 94
Decimal	16742238
CIE Lab	66.00, 50.00, 38.54
CIE LCh	66, 63.129, 37.623
Yxy	35.3238, 0.4990, 0.3530
Android (android.graphics.Color)	4294932318 (0xFFFF775E)
YUV	156.8140, -30.9673, 86.1091
Hunter-Lab	59.4338, 45.9591, 26.8357

Details

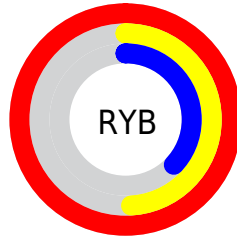
The CIELCh color **66, 63.129, 37.623** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **85, 37.491, 218.048**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 37.646, 45.606**, and **46, 62.899, 37.569** is the 20% darker color. If you saturate the color by 10%, you get **62, 75.170, 39.075**, and if you desaturate by 10%, it is **71, 51.231, 36.472**.

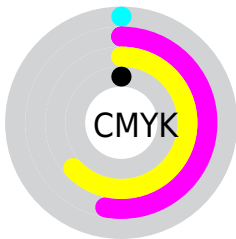
Distribution



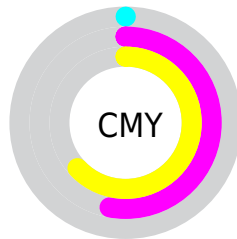
- Red (100%)
- Green (47%)
- Blue (37%)



- 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, 63.129, 37.623 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, 63.129, 37.623 by changing the saturation by 10% instead.

 66, 63.129, 37.623

 66, 63.129, 37.623

 100, 63.129,
37.623

 56, 63.129, 37.623

 86, 63.129, 37.623

 46, 63.129, 37.623

 96, 63.129, 37.623

 36, 63.129, 37.623

 26, 63.129, 37.623


 16, 63.129, 37.623

 6, 63.129, 37.623

 0, 63.129, 37.623

 66, 63.129, 37.623

 66, 63.129, 37.623

 62, 75.170, 39.075

 71, 51.231, 36.472

■ 59, 86.878, 40.610

■ 76, 39.983, 35.616

■ 56, 96.700, 41.674

■ 81, 29.459, 35.029

■ 55, 101.510,
41.907

■ 87, 19.705, 34.658

■ 92, 10.708, 34.444

■ 98, 2.424, 34.178

100, 0.012,
296.813

Harmonies

Complementary

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



66, 63.129, 37.623



85, 37.491, 218.048

Rectangle

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



66, 63.129, 37.623



66, 63.129, 87.623



66, 63.129, 217.623



66, 63.129, 267.623

Sweetspot

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



66, 63.064, 37.633



89, 15.935, 34.556



66, 84.952, 332.825



46, 11.101, 34.625



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, 63.064, 37.633



61, 78.662, 39.527



83, 59.467, 81.050



50, 4.581, 34.386



41, 81.363, 42.239



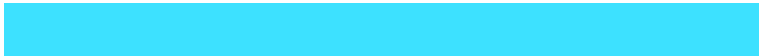
11, 30.628, 34.812

Inverse Universe

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



85, 37.491, 218.048



83, 41.009, 220.247



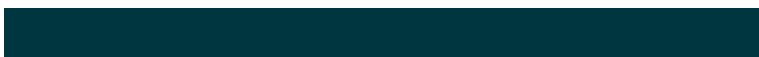
63, 59.067, 283.033



52, 4.308, 214.615



61, 35.080, 225.935



20, 16.203, 221.904

Previews

White Background



This preview shows how the CIELCh color 66, 63.129, 37.623 looks on a white background.

Color Contrast Check

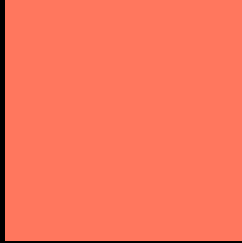
Large Text (above 18pt) WCAG AA × Fail

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, 63.129, 37.623 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, 63.129, 37.623

Background



This preview shows how black text looks on a background with the CIELCh color 66, 63.129, 37.623.

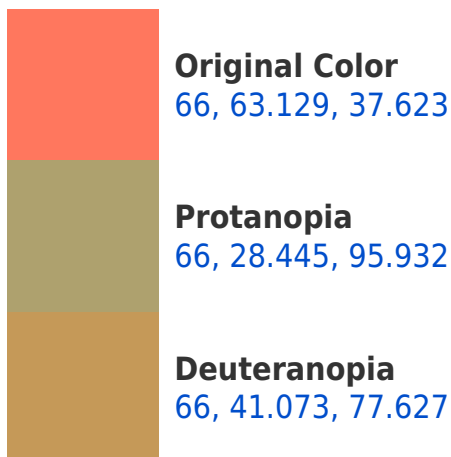


This preview shows how white text looks on a background with the CIELCh color 66, 63.129, 37.623.

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](#).

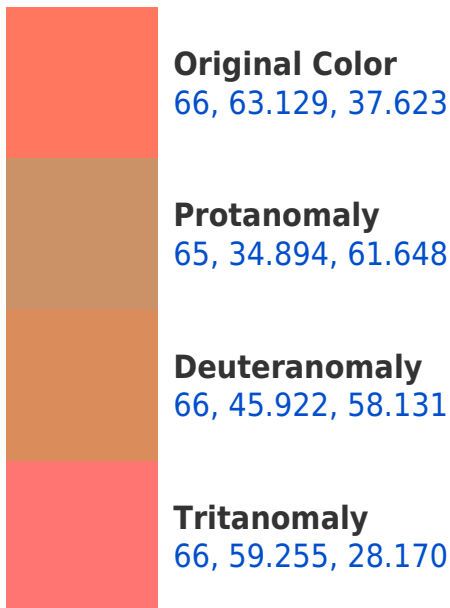
Dichromacy



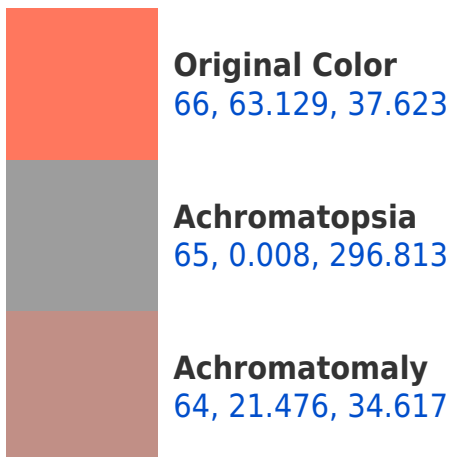


Tritanopia
66, 57.846, 22.159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 63.129, 37.623 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, 119, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 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, 119, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 63.129, 37.623 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, 119, 94) }
```

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

```
.border{ border-color:rgb(255, 119, 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, 119, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 63.129, 37.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 94) }
```

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

```
.background{ background-color: rgb(255,  
119, 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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