

Converting Colors

CIELCh(66, 59.197, 37.251)

Have a look what the booklet for
CIELCh(66, 59.197, 37.251) contains.

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Color

CIELCh(66, 59.405, 37.006)

Conversions

Conversions Part 1

Format	Color
Hex	FB7A63
RGB	251, 122, 99
RGB Percent	98%, 48%, 39%
CMY	0.0157, 0.5216, 0.6118
CMYK	0.00, 0.51, 0.61, 0.02
HSL	9°, 95%, 69%
HSV	9°, 61%, 98%
XYZ	48.9887, 35.3238, 16.0381
YIQ	157.9490, 84.2670, 20.1950

Conversions

Conversions Part 2

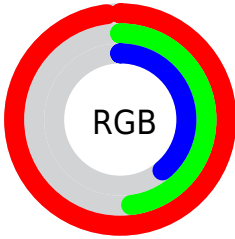
Format	Color
R _Y B	251, 126, 99
Decimal	16480867
CIE Lab	66.00, 47.44, 35.76
CIE LCh	66, 59.405, 37.006
Yxy	35.3238, 0.4882, 0.3520
Android (android.graphics.Color)	4294670947 (0xFFFB7A63)
YUV	157.9490, -29.0619, 81.6057
Hunter-Lab	59.4338, 43.1205, 25.6044

Details

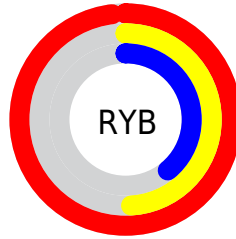
The CIELCh color **66, 59.405, 37.006** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 36.227, 217.058**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 35.752, 44.978**, and **46, 59.210, 36.979** is the 20% darker color. If you saturate the color by 10%, you get **62, 71.341, 38.430**, and if you desaturate by 10%, it is **71, 47.828, 35.892**.

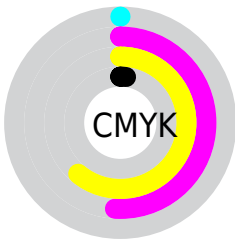
Distribution



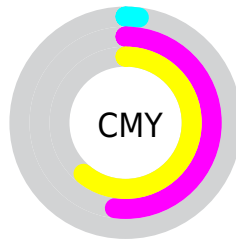
- Red (98%)
- Green (48%)
- Blue (39%)



- Red (98%)
- Yellow (49%)
- Blue (39%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (2%)



- Cyan (2%)
- Magenta (52%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 59.405, 37.006 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, 59.405, 37.006 by changing the saturation by 10% instead.

66, 59.405, 37.006

66, 59.405, 37.006

100, 59.405,
37.006

56, 59.405, 37.006

86, 59.405, 37.006

46, 59.405, 37.006

96, 59.405, 37.006

36, 59.405, 37.006

26, 59.405, 37.006

16, 59.405, 37.006

6, 59.405, 37.006

0, 59.405, 37.006

66, 59.405, 37.006

66, 59.405, 37.006

62, 71.341, 38.430

71, 47.828, 35.892

■ 58, 83.103, 40.027

■ 76, 36.872, 35.079

■ 56, 93.484, 41.353

■ 81, 26.648, 34.526

■ 54, 100.408,
41.832

■ 87, 17.185, 34.178

■ 92, 8.462, 33.969

■ 98, 0.429, 32.472

■ 100, 1.394,
199.792

Harmonies

Complementary

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



66, 59.405, 37.006



85, 36.227, 217.058

Rectangle

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



66, 59.405, 37.006



66, 59.405, 87.006



66, 59.405, 217.006



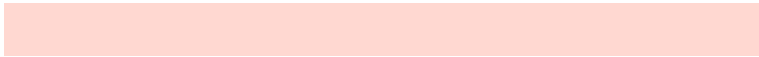
66, 59.405, 267.006

Sweetspot

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



66, 59.402, 37.009



89, 15.077, 34.115



66, 81.341, 332.657



46, 10.607, 34.188



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, 59.402, 37.009



62, 75.231, 38.823



83, 56.384, 81.450



49, 4.519, 33.949



41, 80.647, 42.160



11, 29.440, 33.901

Inverse Universe

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



85, 36.227, 217.058



84, 40.413, 218.963



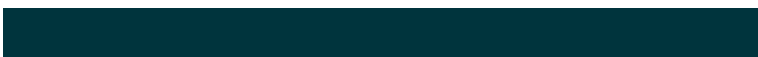
63, 55.838, 282.216



51, 4.250, 214.142



61, 34.749, 225.003



19, 15.803, 220.913

Previews

White Background



This preview shows how the CIELCh color 66, 59.405, 37.006 looks on a white background.

Color Contrast Check

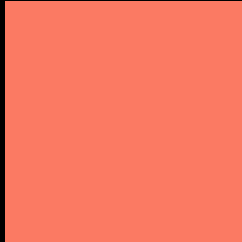
Large Text (above 18pt) WCAG AA × Fail

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, 59.405, 37.006 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, 59.405, 37.006

Background



This preview shows how black text looks on a background with the CIELCh color 66, 59.405, 37.006.

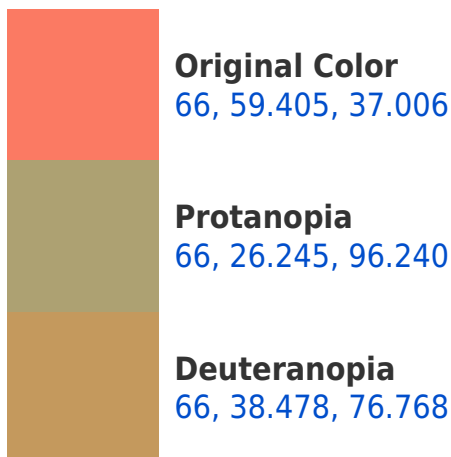


This preview shows how white text looks on a background with the CIELCh color 66, 59.405, 37.006.

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, 56.112, 21.744

Trichromacy



Original Color
66, 59.405, 37.006

Protanomaly
65, 32.176, 60.788

Deuteranomaly
66, 43.185, 57.382

Tritanomaly
66, 56.863, 27.421

Monochromacy



Original Color
66, 59.405, 37.006

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 19.981, 33.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 59.405, 37.006 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(251, 122, 99)` looks like.

```
.text, #text, p{  
    color:rgb(251, 122, 99)  
}
```

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(251, 122, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 122, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 59.405, 37.006 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(251, 122, 99) }
```

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

```
.border{ border-color:rgb(251, 122, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 122, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 122, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 122, 99);  
box-shadow:4px 4px 4px 4px rgb(251, 122,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 59.405, 37.006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 122, 99) }
```

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

```
.background{ background-color: rgb(251,  
122, 99) }
```

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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