

Converting Colors

CIELCh(66, 62.073, 47.928)

Have a look what the booklet for
CIELCh(66, 62.073, 47.928) contains.

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Color

CIELCh(66, 62.384, 47.785)

Conversions

Conversions Part 1

Format	Color
Hex	F67F4F
RGB	246, 127, 79
RGB Percent	96%, 50%, 31%
CMY	0.0354, 0.5020, 0.6903
CMYK	0.00, 0.48, 0.68, 0.04
HSL	17°, 90%, 64%
HSV	17°, 68%, 96%
XYZ	46.9919, 35.3238, 11.7341
YIQ	157.1090, 86.3320, 10.3000

Conversions

Conversions Part 2

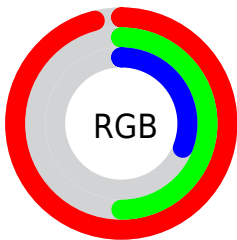
Format	Color
RYB	246, 146, 79
Decimal	16154447
CIELab	66.00, 41.92, 46.20
CIELCh	66, 62.384, 47.785
Yxy	35.3238, 0.4996, 0.3756
Android (android.graphics.Color)	4294344527 (0xFFFF67F4F)
YUV	157.1090, -38.5077, 77.9574
Hunter-Lab	59.4338, 37.1234, 29.8979

Details

The CIELCh color **66, 62.384, 47.785** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle washed orange. A complement of this color would be **75, 38.199, 240.987**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 42.309, 60.717**, and **46, 62.346, 47.781** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.464, 47.812**, and if you desaturate by 10%, it is **70, 51.415, 47.776**.

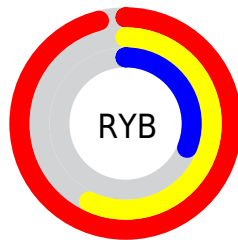
Distribution



Red (96%)

Green (50%)

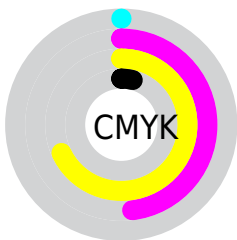
Blue (31%)



Red (96%)

Yellow (57%)

Blue (31%)

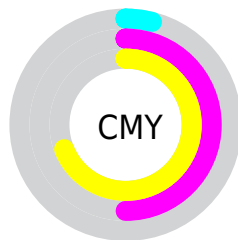


Cyan (0%)

Magenta (48%)

Yellow (68%)

Black (4%)



Cyan (4%)

Magenta (50%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 62.384, 47.785 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, 62.384, 47.785 by changing the saturation by 10% instead.

66, 62.384, 47.785

66, 62.384, 47.785

100, 62.384,
47.785

56, 62.384, 47.785

86, 62.384, 47.785

46, 62.384, 47.785

96, 62.384, 47.785

36, 62.384, 47.785

26, 62.384, 47.785

16, 62.384, 47.785

6, 62.384, 47.785

0, 62.384, 47.785

66, 62.384, 47.785

66, 62.384, 47.785

62, 73.464, 47.812

70, 51.415, 47.776

59, 83.775, 47.556

74, 40.952, 47.879

57, 91.741, 46.486

79, 31.143, 48.118

56, 93.227, 46.271

83, 22.025, 48.479

88, 13.580, 48.935

93, 5.761, 49.428

98, 1.489, 230.543

99, 3.125, 199.419

Harmonies

Complementary

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



66, 62.384, 47.785



75, 38.199, 240.987

Rectangle

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



66, 62.384, 47.785



66, 62.384, 97.785



66, 62.384, 227.785



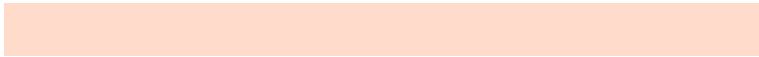
66, 62.384, 277.785

Sweetspot

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



66, 62.382, 47.788



90, 15.764, 48.831



61, 79.579, 339.266



47, 10.875, 48.699



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, 62.382, 47.788



63, 79.111, 47.782



85, 66.843, 90.921



49, 4.159, 49.354



43, 75.148, 46.822



11, 26.245, 41.793

Inverse Universe

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



75, 38.199, 240.987



74, 43.607, 245.846



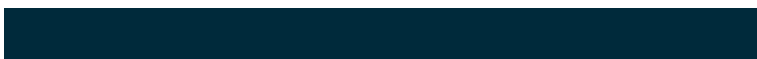
53, 75.303, 292.841



49, 3.946, 230.763



52, 37.929, 253.771



15, 16.050, 246.163

Previews

White Background



This preview shows how the CIELCh color 66, 62.384, 47.785 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, 62.384, 47.785 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, 62.384, 47.785

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.384, 47.785.



This preview shows how white text looks on a background with the CIELCh color 66, 62.384, 47.785.

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



Original Color

66, 62.384, 47.785

Protanopia

66, 39.037, 95.664

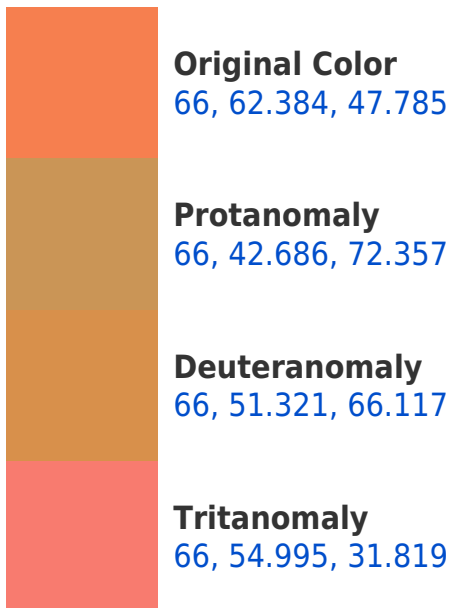
Deuteranopia

66, 48.447, 79.854



Tritanopia
66, 53.105, 21.028

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.384, 47.785 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(246, 127, 79)` looks like.

```
.text, #text, p{  
    color:rgb(246, 127, 79)  
}
```

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(246, 127, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 127, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.384, 47.785 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(246, 127, 79) }
```

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

```
.border{ border-color:rgb(246, 127, 79) }
```

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

Here you see how a box with a 4 pixel rgb(246, 127, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 127, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 127, 79);  
box-shadow:4px 4px 4px 4px rgb(246, 127,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.384, 47.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 127, 79) }
```

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

```
.background{ background-color: rgb(246,  
127, 79) }
```

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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