

Converting Colors

CIELCh(67, 58.871, 41.711)

Have a look what the booklet for
CIELCh(67, 58.871, 41.711) contains.

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Color

CIELCh(67, 58.753, 41.695)

Conversions

Conversions Part 1

Format	Color
Hex	FA805F
RGB	250, 128, 95
RGB Percent	98%, 50%, 37%
CMY	0.0192, 0.4977, 0.6271
CMYK	0.00, 0.49, 0.62, 0.02
HSL	13°, 94%, 68%
HSV	13°, 62%, 98%
XYZ	49.2611, 36.6320, 15.3200
YIQ	160.7160, 83.3050, 15.6010

Conversions

Conversions Part 2

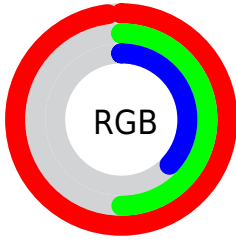
Format	Color
R _Y B	250, 137, 95
Decimal	16416863
CIE Lab	67.00, 43.87, 39.08
CIE LCh	67, 58.753, 41.695
Yxy	36.6320, 0.4867, 0.3619
Android (android.graphics.Color)	4294606943 (0xFFFA805F)
YUV	160.7160, -32.3980, 78.3021
Hunter-Lab	60.5244, 39.3646, 27.3595

Details

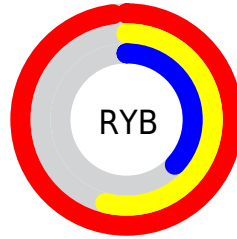
The CIELCh color **67, 58.753, 41.695** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **81, 35.919, 227.044**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.360, 53.306**, and **47, 58.914, 41.724** is the 20% darker color. If you saturate the color by 10%, you get **63, 70.430, 42.490**, and if you desaturate by 10%, it is **71, 47.463, 41.099**.

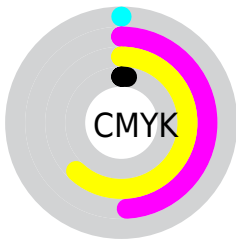
Distribution



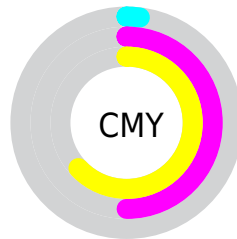
- Red (98%)
- Green (50%)
- Blue (37%)



- Red (98%)
- Yellow (54%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (62%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 58.753, 41.695 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 67, 58.753, 41.695 by changing the saturation by 10% instead.

67, 58.753, 41.695

67, 58.753, 41.695

100, 58.753,
41.695

57, 58.753, 41.695

87, 58.753, 41.695

47, 58.753, 41.695

97, 58.753, 41.695

37, 58.753, 41.695

27, 58.753, 41.695

17, 58.753, 41.695

7, 58.753, 41.695

0, 58.753, 41.695

67, 58.753, 41.695

67, 58.753, 41.695

63, 70.430, 42.490

71, 47.463, 41.099

60, 81.924, 43.314

76, 36.814, 40.723

57, 91.943, 43.711

81, 26.897, 40.547

55, 97.862, 43.446

86, 17.726, 40.535

92, 9.268, 40.635

97, 1.471, 40.505

100, 1.700,
199.687

Harmonies

Complementary

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



67, 58.753, 41.695



81, 35.919, 227.044

Rectangle

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



67, 58.753, 41.695



67, 58.753, 91.695



67, 58.753, 221.695



67, 58.753, 271.695

Sweetspot

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



67, 58.751, 41.698



90, 15.371, 40.556



65, 79.843, 334.804



46, 10.707, 40.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 58.751, 41.698



63, 73.959, 42.670



84, 59.177, 85.389



49, 4.349, 40.666



42, 78.734, 43.877



11, 28.543, 37.309

Inverse Universe

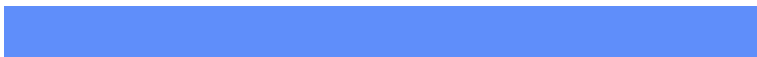
The Inverse Universe completely reimagines the original color for something new.



81, 35.919, 227.044



80, 40.185, 229.946



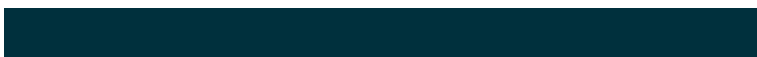
60, 61.399, 286.182



51, 4.100, 221.417



57, 35.307, 238.452



18, 15.765, 232.596

Previews

White Background



This preview shows how the CIELCh color 67, 58.753, 41.695 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 67, 58.753, 41.695 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 67, 58.753, 41.695

Background



This preview shows how black text looks on a background with the CIELCh color 67, 58.753, 41.695.

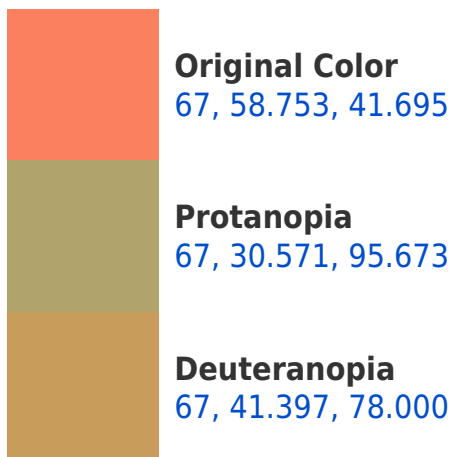


This preview shows how white text looks on a background with the CIELCh color 67, 58.753, 41.695.

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](#).

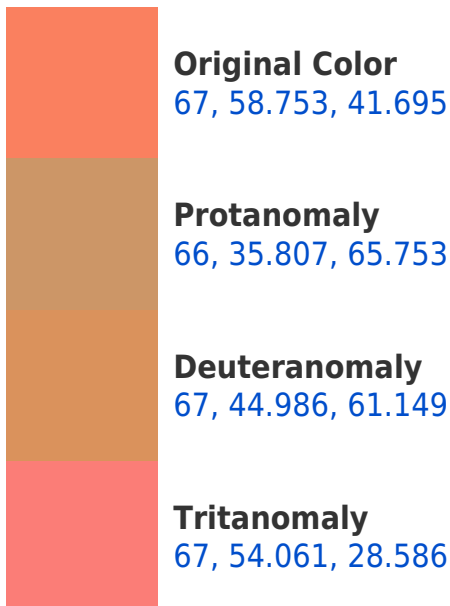
Dichromacy





Tritanopia
67, 53.281, 20.449

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 58.753, 41.695 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(250, 128, 95)` looks like.

```
.text, #text, p{  
    color:rgb(250, 128, 95)  
}
```

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(250, 128, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 128, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 58.753, 41.695 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(250, 128, 95) }
```

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

```
.border{ border-color:rgb(250, 128, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 128, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 128, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 128, 95);  
box-shadow:4px 4px 4px 4px rgb(250, 128,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 58.753, 41.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 128, 95) }
```

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

```
.background{ background-color: rgb(250,  
128, 95) }
```

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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