

Converting Colors

CIELCh(66, 61.651, 42.167)

Have a look what the booklet for
CIELCh(66, 61.651, 42.167) contains.

CIELCh(66, 61.893, 42.135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(66, 61.893, 42.135)

Conversions

Conversions Part 1

Format	Color
Hex	FA7B58
RGB	250, 123, 88
RGB Percent	98%, 48%, 35%
CMY	0.0184, 0.5166, 0.6539
CMYK	0.00, 0.51, 0.65, 0.02
HSL	13°, 95%, 66%
HSV	13°, 65%, 98%
XYZ	48.4258, 35.3238, 13.5519
YIQ	156.9830, 86.9270, 16.0390

Conversions

Conversions Part 2

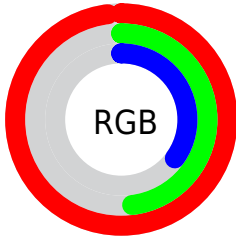
Format	Color
R _Y B	250, 133, 88
Decimal	16415576
CIE Lab	66.00, 45.90, 41.52
CIE LCh	66, 61.893, 42.135
Yxy	35.3238, 0.4977, 0.3630
Android (android.graphics.Color)	4294605656 (0xFFFA7B58)
YUV	156.9830, -34.0086, 81.5759
Hunter-Lab	59.4338, 41.4298, 28.0846

Details

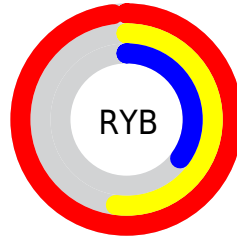
The CIELCh color **66, 61.893, 42.135** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **81, 36.892, 228.163**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 39.118, 52.820**, and **46, 61.914, 41.970** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.590, 42.929**, and if you desaturate by 10%, it is **70, 50.470, 41.509**.

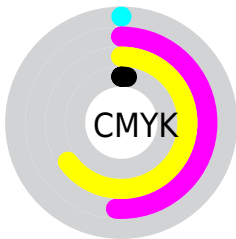
Distribution



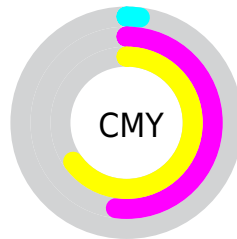
- Red (98%)
- Green (48%)
- Blue (35%)



- Red (98%)
- Yellow (52%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (2%)



- Cyan (2%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 61.893, 42.135 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, 61.893, 42.135 by changing the saturation by 10% instead.

66, 61.893, 42.135

66, 61.893, 42.135

100, 61.893,
42.135

56, 61.893, 42.135

86, 61.893, 42.135

46, 61.893, 42.135

96, 61.893, 42.135

36, 61.893, 42.135

26, 61.893, 42.135

16, 61.893, 42.135

6, 61.893, 42.135

0, 61.893, 42.135

66, 61.893, 42.135

66, 61.893, 42.135

62, 73.590, 42.929

70, 50.470, 41.509

59, 84.844, 43.659

75, 39.641, 41.097

56, 94.091, 43.757

80, 29.530, 40.892

55, 97.794, 43.545

85, 20.166, 40.858

90, 11.525, 40.952

96, 3.559, 41.053

100, 1.626,
199.710

Harmonies

Complementary

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



66, 61.893, 42.135



81, 36.892, 228.163

Rectangle

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



66, 61.893, 42.135



66, 61.893, 92.135



66, 61.893, 222.135



66, 61.893, 272.135

Sweetspot

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



66, 61.891, 42.138



90, 15.345, 40.900



64, 82.481, 335.022



46, 10.688, 40.874



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, 61.891, 42.138



62, 78.539, 43.198



84, 61.697, 84.973



49, 4.342, 41.026



42, 78.624, 43.982



11, 28.497, 37.504

Inverse Universe

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



81, 36.892, 228.163



79, 41.162, 231.686



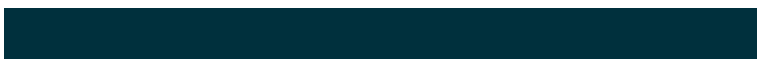
59, 64.414, 287.036



51, 4.094, 221.806



57, 35.384, 239.139



18, 15.780, 233.205

Previews

White Background



This preview shows how the CIELCh color 66, 61.893, 42.135 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, 61.893, 42.135 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, 61.893, 42.135

Background



This preview shows how black text looks on a background with the CIELCh color 66, 61.893, 42.135.

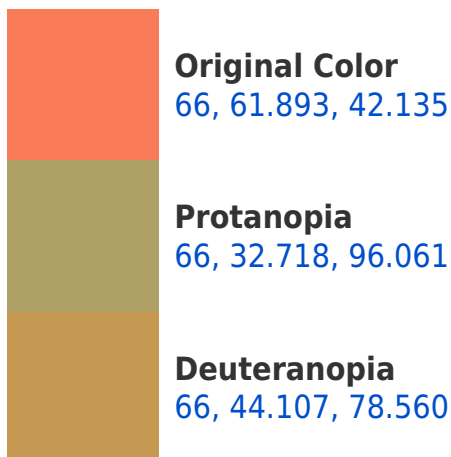


This preview shows how white text looks on a background with the CIELCh color 66, 61.893, 42.135.

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, 55.710, 21.663

Trichromacy



Original Color
66, 61.893, 42.135

Protanomaly
65, 37.591, 66.553

Deuteranomaly
66, 47.939, 61.515

Tritanomaly
66, 56.903, 29.893

Monochromacy



Original Color
66, 61.893, 42.135

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 20.648, 41.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 61.893, 42.135 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, 123, 88)` looks like.

```
.text, #text, p{  
    color:rgb(250, 123, 88)  
}
```

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, 123, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 123, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 61.893, 42.135 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, 123, 88) }
```

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

```
.border{ border-color:rgb(250, 123, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 123, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 123, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 123, 88);  
box-shadow:4px 4px 4px 4px rgb(250, 123,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 61.893, 42.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 123, 88) }
```

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

```
.background{ background-color: rgb(250,  
123, 88) }
```

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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