

Converting Colors

CIELCh(66, 54.196, 39.669)

Have a look what the booklet for
CIELCh(66, 54.196, 39.669) contains.

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Color

CIELCh(66, 54.109, 39.650)

Conversions

Conversions Part 1

Format	Color
Hex	F38065
RGB	243, 128, 101
RGB Percent	95%, 50%, 40%
CMY	0.0481, 0.4989, 0.6047
CMYK	0.00, 0.47, 0.58, 0.05
HSL	11°, 85%, 67%
HSV	11°, 58%, 95%
XYZ	46.9010, 35.3238, 16.6045
YIQ	159.3070, 77.2070, 15.9830

Conversions

Conversions Part 2

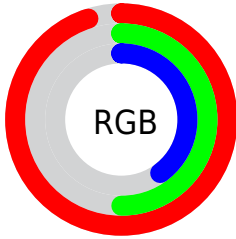
Format	Color
R _{YB}	243, 134, 101
Decimal	15958117
CIE Lab	66.00, 41.66, 34.53
CIE LCh	66, 54.109, 39.650
Yxy	35.3238, 0.4746, 0.3574
Android (android.graphics.Color)	4294148197 (0xFFFF38065)
YUV	159.3070, -28.7454, 73.3988
Hunter-Lab	59.4338, 36.8504, 25.0394

Details

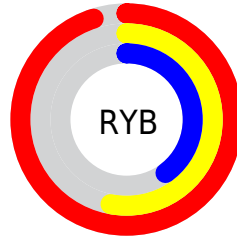
The CIELCh color **66, 54.109, 39.650** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 33.972, 222.736**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 34.383, 49.430**, and **46, 54.208, 39.959** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.523, 40.613**, and if you desaturate by 10%, it is **71, 43.167, 38.941**.

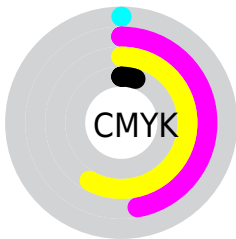
Distribution



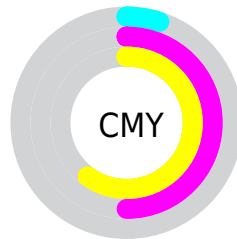
- Red (95%)
- Green (50%)
- Blue (40%)



- Red (95%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (47%)
- Yellow (58%)
- Black (5%)



- Cyan (5%)
- Magenta (50%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 54.109, 39.650 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, 54.109, 39.650 by changing the saturation by 10% instead.

66, 54.109, 39.650

66, 54.109, 39.650

100, 54.109,
39.650

56, 54.109, 39.650

86, 54.109, 39.650

46, 54.109, 39.650

96, 54.109, 39.650

36, 54.109, 39.650

26, 54.109, 39.650

16, 54.109, 39.650

6, 54.109, 39.650

0, 54.109, 39.650

66, 54.109, 39.650

66, 54.109, 39.650

62, 65.523, 40.613

71, 43.167, 38.941

58, 76.991, 41.725

75, 32.889, 38.473

55, 87.552, 42.654

80, 23.339, 38.215

53, 95.462, 42.771

86, 14.518, 38.120

53, 96.515, 42.816

91, 6.388, 38.120

97, 1.105, 218.945

99, 4.230, 199.294

Harmonies

Complementary

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



66, 54.109, 39.650



81, 33.972, 222.736

Rectangle

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



66, 54.109, 39.650



66, 54.109, 89.650



66, 54.109, 219.650



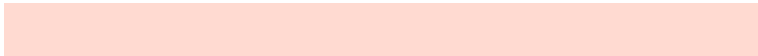
66, 54.109, 269.650

Sweetspot

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



66, 54.107, 39.654



90, 14.692, 38.119



64, 75.357, 333.837



46, 10.336, 38.131



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, 54.107, 39.654



64, 70.060, 40.797



82, 54.044, 84.572



48, 4.330, 38.120



41, 78.668, 43.194



10, 27.618, 35.255

Inverse Universe

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



81, 33.972, 222.736



82, 39.161, 224.966



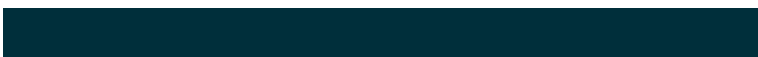
61, 54.956, 283.971



50, 4.078, 218.662



58, 34.539, 233.437



17, 15.281, 227.938

Previews

White Background



This preview shows how the CIELCh color 66, 54.109, 39.650 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, 54.109, 39.650 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, 54.109, 39.650

Background



This preview shows how black text looks on a background with the CIELCh color 66, 54.109, 39.650.

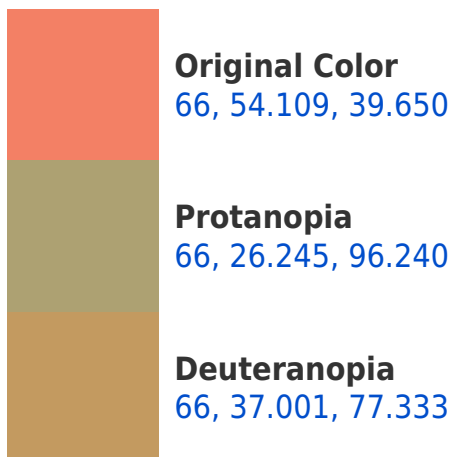


This preview shows how white text looks on a background with the CIELCh color 66, 54.109, 39.650.

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, 50.461, 19.815

Trichromacy



Original Color
66, 54.109, 39.650

Protanomaly
65, 31.253, 64.655

Deuteranomaly
66, 40.482, 59.066

Tritanomaly
66, 50.793, 27.328

Monochromacy



Original Color
66, 54.109, 39.650

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 17.838, 38.787

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 54.109, 39.650 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(243, 128, 101)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 101)  
}
```

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(243, 128, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 54.109, 39.650 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(243, 128, 101) }
```

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

```
.border{ border-color:rgb(243, 128, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 128, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 101);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 54.109, 39.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 101) }
```

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

```
.background{ background-color: rgb(243,  
128, 101) }
```

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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