

Converting Colors

CIELCh(66, 46.194, 38.216)

Have a look what the booklet for
CIELCh(66, 46.194, 38.216) contains.

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Color

CIELCh(66, 46.052, 38.368)

Conversions

Conversions Part 1

Format	Color
Hex	E9856F
RGB	233, 133, 111
RGB Percent	91%, 52%, 44%
CMY	0.0856, 0.4778, 0.5641
CMYK	0.00, 0.43, 0.52, 0.09
HSL	11°, 74%, 68%
HSV	11°, 52%, 91%
XYZ	44.9505, 35.3238, 19.5314
YIQ	160.3920, 66.6620, 14.3580

Conversions

Conversions Part 2

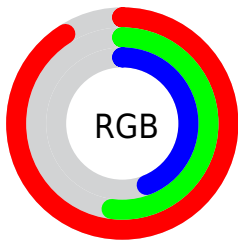
Format	Color
R_{YB}	233, 138, 111
Decimal	15304047
CIE Lab	66.00, 36.11, 28.58
CIE LCh	66, 46.052, 38.368
Yxy	35.3238, 0.4504, 0.3539
Android (android.graphics.Color)	4293494127 (0xFFE9856F)
YUV	160.3920, -24.3503, 63.6772
Hunter-Lab	59.4338, 30.9924, 22.1196

Details

The CIELCh color **66, 46.052, 38.368** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80, 30.635, 220.346**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.628, 45.408**, and **46, 45.986, 38.067** is the 20% darker color. If you saturate the color by 10%, you get **62, 56.889, 39.267**, and if you desaturate by 10%, it is **71, 35.793, 37.741**.

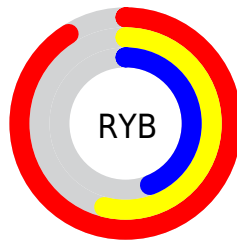
Distribution



Red (91%)

Green (52%)

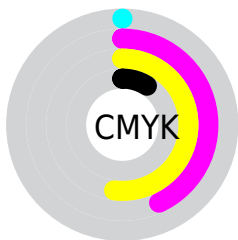
Blue (44%)



Red (91%)

Yellow (54%)

Blue (44%)

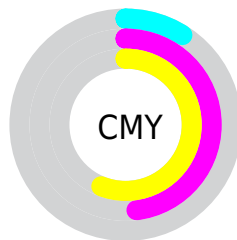


Cyan (0%)

Magenta (43%)

Yellow (52%)

Black (9%)



Cyan (9%)

Magenta (48%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 46.052, 38.368 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, 46.052, 38.368 by changing the saturation by 10% instead.

66, 46.052, 38.368

66, 46.052, 38.368

100, 46.052,
38.368

56, 46.052, 38.368

86, 46.052, 38.368

46, 46.052, 38.368

96, 46.052, 38.368

36, 46.052, 38.368

26, 46.052, 38.368

16, 46.052, 38.368

6, 46.052, 38.368

0, 46.052, 38.368

66, 46.052, 38.368

66, 46.052, 38.368

62, 56.889, 39.267

71, 35.793, 37.741

58, 68.062, 40.405

76, 26.223, 37.345

55, 79.012, 41.627

81, 17.365, 37.137

52, 88.499, 42.452

86, 9.195, 37.062

51, 93.914, 42.603

91, 1.668, 36.834

97, 5.277, 217.478

98, 7.460, 199.022

Harmonies

Complementary

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



66, 46.052, 38.368



80, 30.635, 220.346

Rectangle

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



66, 46.052, 38.368



66, 46.052, 88.368



66, 46.052, 218.368



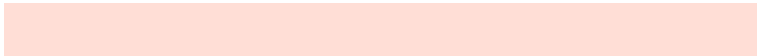
66, 46.052, 268.368

Sweetspot

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



66, 46.050, 38.372



91, 13.029, 37.079



65, 67.273, 332.742



47, 8.873, 37.093



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, 46.050, 38.372



67, 62.028, 39.368



80, 46.317, 84.117



46, 4.206, 37.051



39, 77.310, 42.962



9, 25.213, 33.006

Inverse Universe

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



80, 30.635, 220.346



84, 37.082, 221.977



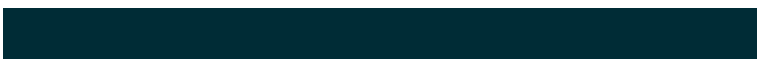
63, 46.189, 280.990



48, 3.961, 217.504



57, 33.732, 231.223



16, 14.425, 225.484

Previews

White Background



This preview shows how the CIELCh color 66, 46.052, 38.368 looks on a white background.

Color Contrast Check

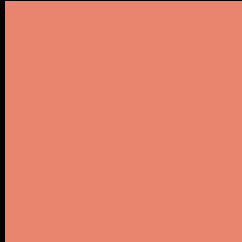
Large Text (above 18pt) WCAG AA × Fail

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, 46.052, 38.368 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, 46.052, 38.368

Background



This preview shows how black text looks on a background with the CIELCh color 66, 46.052, 38.368.

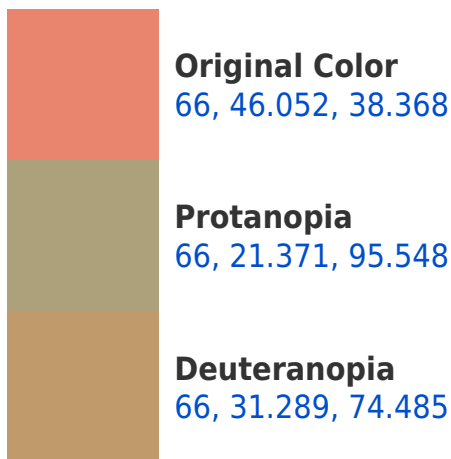


This preview shows how white text looks on a background with the CIELCh color 66, 46.052, 38.368.

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, 43.582, 17.252

Trichromacy



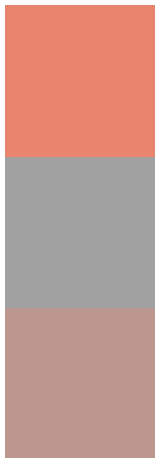
Original Color
66, 46.052, 38.368

Protanomaly
66, 25.861, 62.940

Deuteranomaly
66, 34.668, 56.561

Tritanomaly
66, 43.395, 25.428

Monochromacy



Original Color
66, 46.052, 38.368

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 15.334, 37.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 46.052, 38.368 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(233, 133, 111)` looks like.

```
.text, #text, p{  
    color:rgb(233, 133, 111)  
}
```

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(233, 133, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 133, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 46.052, 38.368 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(233, 133, 111) }
```

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

```
.border{ border-color:rgb(233, 133, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 133, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 133, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 133, 111);  
box-shadow:4px 4px 4px 4px rgb(233, 133,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 46.052, 38.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 133, 111) }
```

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

```
.background{ background-color: rgb(233,  
133, 111) }
```

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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