

Converting Colors

CIELCh(64, 46.360, 40.129)

Have a look what the booklet for
CIELCh(64, 46.360, 40.129) contains.

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Color

CIELCh(64, 46.552, 39.709)

Conversions

Conversions Part 1

Format	Color
Hex	E38068
RGB	227, 128, 104
RGB Percent	89%, 50%, 41%
CMY	0.1095, 0.4977, 0.5919
CMYK	0.00, 0.44, 0.54, 0.11
HSL	12°, 69%, 65%
HSV	12°, 54%, 89%
XYZ	41.9345, 32.8017, 17.2356
YIQ	154.8650, 66.7080, 13.5240

Conversions

Conversions Part 2

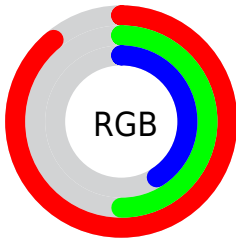
Format	Color
R _Y B	227, 134, 104
Decimal	14909544
CIE Lab	64.00, 35.81, 29.74
CIE LCh	64, 46.552, 39.709
Yxy	32.8017, 0.4560, 0.3566
Android (android.graphics.Color)	4293099624 (0xFFE38068)
YUV	154.8650, -25.0764, 63.2624
Hunter-Lab	57.2727, 30.4686, 22.2483

Details

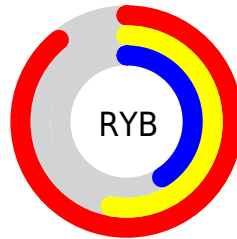
The CIELCh color **64, 46.552, 39.709** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 30.569, 222.810**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.594, 46.290**, and **44, 46.417, 40.172** is the 20% darker color. If you saturate the color by 10%, you get **60, 57.168, 40.514**, and if you desaturate by 10%, it is **68, 36.482, 39.155**.

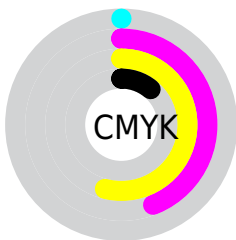
Distribution



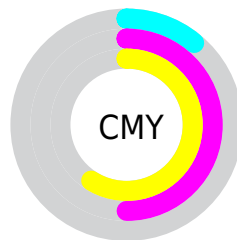
- Red (89%)
- Green (50%)
- Blue (41%)



- Red (89%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (11%)



- Cyan (11%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 46.552, 39.709 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 64, 46.552, 39.709 by changing the saturation by 10% instead.

64, 46.552, 39.709

64, 46.552, 39.709

100, 46.552,
39.709

54, 46.552, 39.709

84, 46.552, 39.709

44, 46.552, 39.709

94, 46.552, 39.709

34, 46.552, 39.709

24, 46.552, 39.709

14, 46.552, 39.709

4, 46.552, 39.709

0, 46.552, 39.709

64, 46.552, 39.709

64, 46.552, 39.709

60, 57.168, 40.514

68, 36.482, 39.155

56, 68.064, 41.520

73, 27.077, 38.822

53, 78.617, 42.531

78, 18.365, 38.673

51, 87.472, 43.010

83, 10.326, 38.659

50, 91.485, 43.043

88, 2.916, 38.639

93, 3.922, 219.209

98, 9.487, 198.876

Harmonies

Complementary

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



64, 46.552, 39.709



77, 30.569, 222.810

Rectangle

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



64, 46.552, 39.709



64, 46.552, 89.709



64, 46.552, 219.709



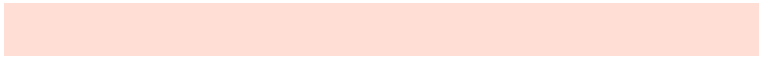
64, 46.552, 269.709

Sweetspot

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



64, 46.550, 39.713



91, 12.912, 38.655



62, 67.077, 333.514



47, 8.793, 38.653



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 46.550, 39.713



66, 63.879, 40.630



78, 47.456, 85.233



45, 4.094, 38.676



39, 76.022, 43.416



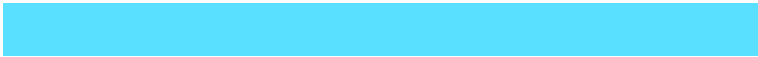
8, 23.712, 32.931

Inverse Universe

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



77, 30.569, 222.810



83, 37.609, 224.757



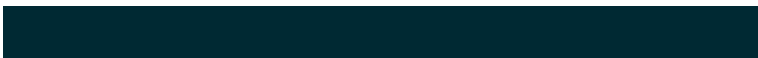
60, 47.984, 282.681



47, 3.858, 219.262



55, 33.537, 234.409



15, 13.980, 227.851

Previews

White Background



This preview shows how the CIELCh color 64, 46.552, 39.709 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 64, 46.552, 39.709 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 64, 46.552, 39.709

Background



This preview shows how black text looks on a background with the CIELCh color 64, 46.552, 39.709.

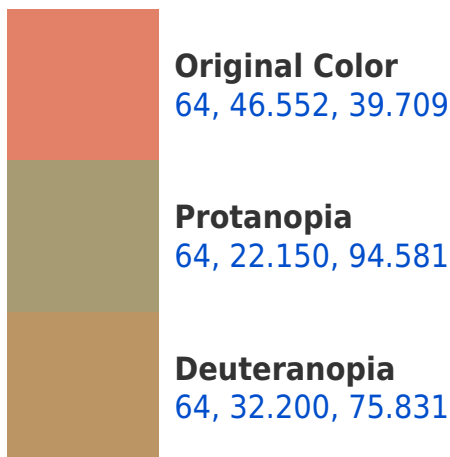


This preview shows how white text looks on a background with the CIELCh color 64, 46.552, 39.709.

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
64, 43.502, 18.039

Trichromacy



Original Color
64, 46.552, 39.709

Protanomaly
64, 26.849, 62.936

Deuteranomaly
64, 35.768, 58.655

Tritanomaly
64, 43.912, 26.310

Monochromacy



Original Color
64, 46.552, 39.709

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.686, 39.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 46.552, 39.709 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(227, 128, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 128, 104)  
}
```

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(227, 128, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 128, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 46.552, 39.709 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(227, 128, 104) }
```

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

```
.border{ border-color:rgb(227, 128, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 128, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 128, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 128, 104);  
box-shadow:4px 4px 4px 4px rgb(227, 128,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 46.552, 39.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 128, 104) }
```

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

```
.background{ background-color: rgb(227,  
128, 104) }
```

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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