

Converting Colors

CIELCh(60, 57.766, 39.060)

Have a look what the booklet for
CIELCh(60, 57.766, 39.060) contains.

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Color

CIELCh(60, 57.680, 39.244)

Conversions

Conversions Part 1

Format	Color
Hex	E56D53
RGB	229, 109, 83
RGB Percent	90%, 43%, 33%
CMY	0.1030, 0.5734, 0.6753
CMYK	0.00, 0.52, 0.64, 0.10
HSL	11°, 74%, 61%
HSV	11°, 64%, 90%
XYZ	39.2245, 28.1233, 11.5022
YIQ	141.9160, 79.8660, 17.3540

Conversions

Conversions Part 2

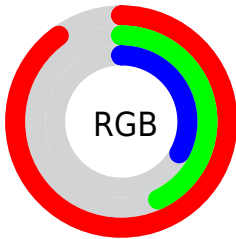
Format	Color
R_{YB}	229, 115, 83
Decimal	15035731
CIE _{Lab}	60.00, 44.67, 36.49
CIE _{LCh}	60, 57.680, 39.244
Yxy	28.1233, 0.4975, 0.3567
Android (android.graphics.Color)	4293225811 (0xFFE56D53)
YUV	141.9160, -29.0456, 76.3727
Hunter-Lab	53.0314, 39.2217, 24.2623

Details

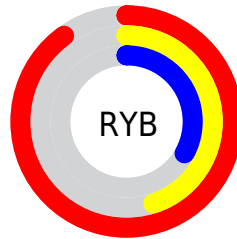
The CIELCh color **60, 57.680, 39.244** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **76, 34.314, 221.676**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 42.905, 43.924**, and **40, 57.802, 38.960** is the 20% darker color. If you saturate the color by 10%, you get **56, 68.697, 40.436**, and if you desaturate by 10%, it is **64, 46.930, 38.294**.

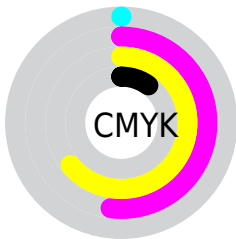
Distribution



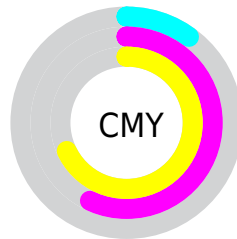
- Red (90%)
- Green (43%)
- Blue (33%)



- Red (90%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (64%)
- Black (10%)



- Cyan (10%)
- Magenta (57%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 57.680, 39.244 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 60, 57.680, 39.244 by changing the saturation by 10% instead.

60, 57.680, 39.244

60, 57.680, 39.244

100, 57.680,
39.244

50, 57.680, 39.244

80, 57.680, 39.244

40, 57.680, 39.244

90, 57.680, 39.244

30, 57.680, 39.244

20, 57.680, 39.244

10, 57.680, 39.244

0, 57.680, 39.244

60, 57.680, 39.244

60, 57.680, 39.244

56, 68.697, 40.436

64, 46.930, 38.294

53, 79.376, 41.670

69, 36.730, 37.609

51, 88.363, 42.408

73, 27.195, 37.166

50, 92.608, 42.565

78, 18.360, 36.921

84, 10.209, 36.819

89, 2.699, 36.701

94, 4.229, 217.206

98, 8.942, 198.914

Harmonies

Complementary

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



60, 57.680, 39.244



76, 34.314, 221.676

Rectangle

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



60, 57.680, 39.244



60, 57.680, 89.244



60, 57.680, 219.244



60, 57.680, 269.244

Sweetspot

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



60, 57.678, 39.247



89, 15.693, 36.859



59, 77.677, 333.519



46, 10.932, 36.893



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 57.678, 39.247



61, 78.920, 40.901



76, 55.532, 82.415



45, 4.137, 36.797



39, 76.545, 42.920



8, 23.967, 31.847

Inverse Universe

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



76, 34.314, 221.676



81, 40.949, 224.466



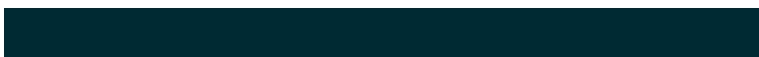
56, 56.086, 284.360



47, 3.896, 217.229



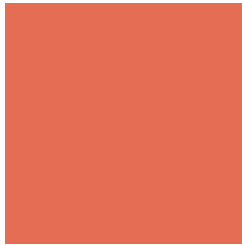
56, 33.361, 230.674



15, 13.995, 224.717

Previews

White Background



This preview shows how the CIELCh color 60, 57.680, 39.244 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 57.680, 39.244 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 57.680, 39.244

Background



This preview shows how black text looks on a background with the CIELCh color 60, 57.680, 39.244.



This preview shows how white text looks on a background with the CIELCh color 60, 57.680, 39.244.

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



Original Color

60, 57.680, 39.244

Protanopia

60, 27.788, 96.130

Deuteranopia

60, 38.960, 78.169



Tritanopia
60, 53.022, 22.156

Trichromacy



Original Color
60, 57.680, 39.244

Protanomaly
59, 33.225, 63.712

Deuteranomaly
59, 42.835, 59.222

Tritanomaly
60, 54.487, 28.821

Monochromacy



Original Color
60, 57.680, 39.244

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 19.622, 37.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 57.680, 39.244 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(229, 109, 83)` looks like.

```
.text, #text, p{  
    color:rgb(229, 109, 83)  
}
```

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(229, 109, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 109, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 57.680, 39.244 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(229, 109, 83) }
```

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

```
.border{ border-color:rgb(229, 109, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 109, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 109, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 109, 83);  
box-shadow:4px 4px 4px 4px rgb(229, 109,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 57.680, 39.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 109, 83) }
```

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

```
.background{ background-color: rgb(229,  
109, 83) }
```

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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