

Converting Colors

CIELCh(57, 64.107, 38.831)

Have a look what the booklet for
CIELCh(57, 64.107, 38.831) contains.

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Color

CIELCh(57, 64.152, 39.046)

Conversions

Conversions Part 1

Format	Color
Hex	E35F45
RGB	227, 95, 69
RGB Percent	89%, 37%, 27%
CMY	0.1101, 0.6276, 0.7296
CMYK	0.00, 0.58, 0.70, 0.11
HSL	10°, 74%, 58%
HSV	10°, 70%, 89%
XYZ	36.8166, 24.9227, 8.4919
YIQ	131.5040, 87.0180, 19.8980

Conversions

Conversions Part 2

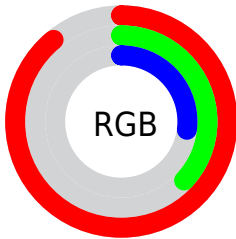
Format	Color
R_{YB}	227, 100, 69
Decimal	14901061
CIE _{Lab}	57.00, 49.82, 40.41
CIE _{LCh}	57, 64.152, 39.046
Yxy	24.9227, 0.5242, 0.3549
Android (android.graphics.Color)	4293091141 (0xFFE35F45)
YUV	131.5040, -30.8145, 83.7500
Hunter-Lab	49.9226, 44.2743, 24.8605

Details

The CIELCh color **57, 64.152, 39.046** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **75, 35.901, 220.487**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 49.815, 42.327**, and **37, 64.233, 39.228** is the 20% darker color. If you saturate the color by 10%, you get **54, 75.039, 40.467**, and if you desaturate by 10%, it is **61, 53.215, 37.809**.

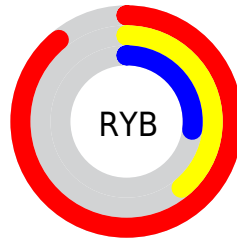
Distribution



Red (89%)

Green (37%)

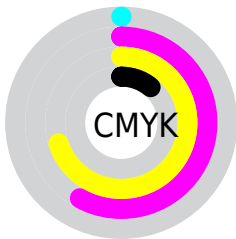
Blue (27%)



Red (89%)

Yellow (39%)

Blue (27%)

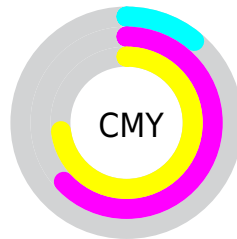


Cyan (0%)

Magenta (58%)

Yellow (70%)

Black (11%)



Cyan (11%)

Magenta (63%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 64.152, 39.046 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 57, 64.152, 39.046 by changing the saturation by 10% instead.

57, 64.152, 39.046

57, 64.152, 39.046

100, 64.152,
39.046

47, 64.152, 39.046

77, 64.152, 39.046

37, 64.152, 39.046

87, 64.152, 39.046

27, 64.152, 39.046

97, 64.152, 39.046

17, 64.152, 39.046

7, 64.152, 39.046

0, 64.152, 39.046

57, 64.152, 39.046

57, 64.152, 39.046

54, 75.039, 40.467

61, 53.215, 37.809

51, 84.907, 41.692

65, 42.675, 36.853

49, 92.234, 42.203

70, 32.732, 36.175

49, 92.494, 42.238

75, 23.471, 35.735

80, 14.904, 35.481

85, 7.007, 35.347

90, 0.270, 217.700

96, 6.985, 215.656

98, 9.537, 198.872

Harmonies

Complementary

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



57, 64.152, 39.046



75, 35.901, 220.487

Rectangle

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



57, 64.152, 39.046



57, 64.152, 89.046



57, 64.152, 219.046



57, 64.152, 269.046

Sweetspot

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



57, 64.150, 39.049



88, 17.650, 35.510



57, 82.866, 333.222



45, 12.087, 35.571



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 64.150, 39.049



59, 87.506, 41.135



74, 59.454, 80.076



44, 4.097, 35.345



38, 76.094, 42.585



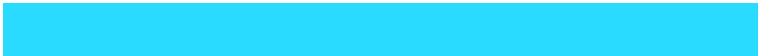
7, 22.845, 29.965

Inverse Universe

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



75, 35.901, 220.487



81, 42.267, 223.724



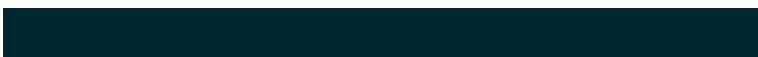
53, 59.654, 285.057



46, 3.857, 215.656



56, 32.961, 227.697



14, 13.598, 221.940

Previews

White Background



This preview shows how the CIELCh color 57, 64.152, 39.046 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 57, 64.152, 39.046 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 57, 64.152, 39.046

Background



This preview shows how black text looks on a background with the CIELCh color 57, 64.152, 39.046.



This preview shows how white text looks on a background with the CIELCh color 57, 64.152, 39.046.

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
57, 59.029, 24.545

Trichromacy



Original Color
57, 64.152, 39.046

Protanomaly
56, 36.421, 62.020

Deuteranomaly
57, 47.037, 59.621

Tritanomaly
57, 60.662, 29.941

Monochromacy



Original Color
57, 64.152, 39.046

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 21.773, 36.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 64.152, 39.046 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, 95, 69)` looks like.

```
.text, #text, p{  
    color:rgb(227, 95, 69)  
}
```

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, 95, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 95, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 64.152, 39.046 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, 95, 69) }
```

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

```
.border{ border-color:rgb(227, 95, 69) }
```

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

Here you see how a box with a 4 pixel rgb(227, 95, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 95, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 95, 69);  
box-shadow:4px 4px 4px 4px rgb(227, 95,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 64.152, 39.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 95, 69) }
```

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

```
.background{ background-color: rgb(227, 95,  
69) }
```

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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