

Converting Colors

CIELCh(57, 63.271, 46.923)

Have a look what the booklet for
CIELCh(57, 63.271, 46.923) contains.

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Color

CIELCh(57, 63.139, 47.096)

Conversions

Conversions Part 1

Format	Color
Hex	DB6639
RGB	219, 102, 57
RGB Percent	86%, 40%, 22%
CMY	0.1404, 0.5993, 0.7759
CMYK	0.00, 0.53, 0.74, 0.14
HSL	17°, 69%, 54%
HSV	17°, 74%, 86%
XYZ	34.7825, 24.9227, 6.8679
YIQ	131.8530, 84.1770, 10.8090

Conversions

Conversions Part 2

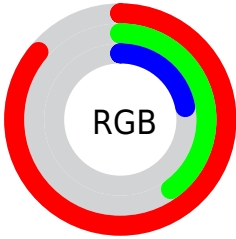
Format	Color
R_{YB}	219, 119, 57
Decimal	14378553
CIE _{Lab}	57.00, 42.98, 46.25
CIE _{LCh}	57, 63.139, 47.096
Yxy	24.9227, 0.5225, 0.3744
Android (android.graphics.Color)	4292568633 (0xFFDB6639)
YUV	131.8530, -36.9025, 76.4279
Hunter-Lab	49.9226, 37.0015, 26.7893

Details

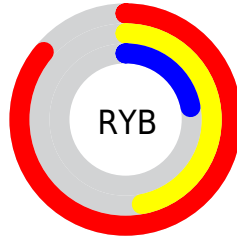
The CIELCh color **57, 63.139, 47.096** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **67, 36.523, 241.204**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 52.750, 51.525**, and **37, 63.031, 47.182** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.050, 47.131**, and if you desaturate by 10%, it is **60, 52.966, 46.964**.

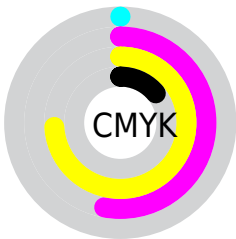
Distribution



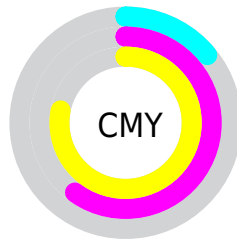
- Red (86%)
- Green (40%)
- Blue (22%)



- Red (86%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (53%)
- Yellow (74%)
- Black (14%)



- Cyan (14%)
- Magenta (60%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 63.139, 47.096 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, 63.139, 47.096 by changing the saturation by 10% instead.

57, 63.139, 47.096

57, 63.139, 47.096

100, 63.139,
47.096

47, 63.139, 47.096

77, 63.139, 47.096

37, 63.139, 47.096

87, 63.139, 47.096

27, 63.139, 47.096

97, 63.139, 47.096

17, 63.139, 47.096

7, 63.139, 47.096

0, 63.139, 47.096

57, 63.139, 47.096

57, 63.139, 47.096

54, 73.050, 47.131

60, 52.966, 46.964

51, 81.515, 46.606

64, 43.097, 46.914

50, 85.684, 46.056

68, 33.766, 47.003

72, 25.056, 47.232

77, 16.977, 47.579

81, 9.500, 48.010

86, 2.575, 48.383

90, 3.850, 229.323

95, 9.831, 229.853

Harmonies

Complementary

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



57, 63.139, 47.096



67, 36.523, 241.204

Rectangle

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



57, 63.139, 47.096



57, 63.139, 97.096



57, 63.139, 227.096



57, 63.139, 277.096

Sweetspot

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



57, 63.137, 47.099



89, 17.527, 47.650



53, 77.347, 339.032



46, 11.906, 47.540



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, 63.137, 47.099



61, 87.745, 46.935



75, 64.630, 88.918



44, 3.807, 48.211



40, 71.515, 46.554



8, 19.964, 36.848

Inverse Universe

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



67, 36.523, 241.204



73, 45.277, 247.575



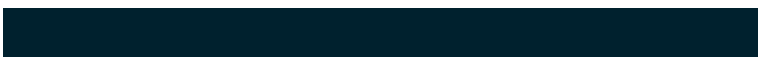
44, 73.622, 293.671



44, 3.610, 229.526



49, 35.418, 251.615



11, 13.478, 241.821

Previews

White Background



This preview shows how the CIELCh color 57, 63.139, 47.096 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, 63.139, 47.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

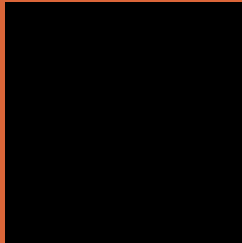
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 63.139, 47.096

Background



This preview shows how black text looks on a background with the CIELCh color 57, 63.139, 47.096.



This preview shows how white text looks on a background with the CIELCh color 57, 63.139, 47.096.

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

57, 63.139, 47.096

Protanopia

57, 38.748, 95.355

Deuteranopia

57, 48.252, 81.063



Tritanopia
57, 53.285, 23.119

Trichromacy



Original Color
57, 63.139, 47.096

Protanomaly
56, 42.506, 70.854

Deuteranomaly
57, 51.155, 65.577

Tritanomaly
57, 55.576, 33.350

Monochromacy



Original Color
57, 63.139, 47.096

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 21.148, 46.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 63.139, 47.096 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(219, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(219, 102, 57)  
}
```

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(219, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 102, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 63.139, 47.096 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(219, 102, 57) }
```

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

```
.border{ border-color:rgb(219, 102, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 102, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 102, 57); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 102, 57); box-shadow:4px 4px 4px 4px rgb(219, 102, 57) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 63.139, 47.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 102, 57) }
```

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

```
.background{ background-color: rgb(219,  
102, 57) }
```

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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