

Converting Colors

CIELCh(57, 63.249, 46.836)

Have a look what the booklet for
CIELCh(57, 63.249, 46.836) contains.

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Color

CIELCh(57, 63.548, 46.973)

Conversions

Conversions Part 1

Format	Color
Hex	DC6639
RGB	220, 102, 57
RGB Percent	86%, 40%, 22%
CMY	0.1383, 0.6009, 0.7773
CMYK	0.00, 0.54, 0.74, 0.14
HSL	17°, 70%, 54%
HSV	17°, 74%, 86%
XYZ	34.8930, 24.9227, 6.8145
YIQ	132.1520, 84.7730, 11.0210

Conversions

Conversions Part 2

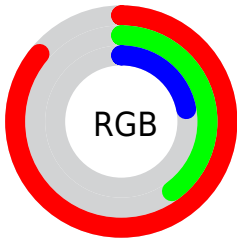
Format	Color
R _Y B	220, 119, 57
Decimal	14444089
CIE Lab	57.00, 43.36, 46.46
CIE LCh	57, 63.548, 46.973
Yxy	24.9227, 0.5237, 0.3740
Android (android.graphics.Color)	4292634169 (0xFFDC6639)
YUV	132.1520, -37.0499, 77.0427
Hunter-Lab	49.9226, 37.3965, 26.8526

Details

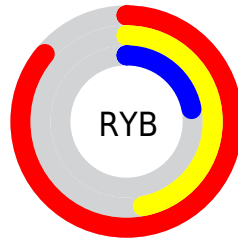
The CIELCh color **57, 63.548, 46.973** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **67, 36.617, 240.987**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.641, 52.146**, and **37, 63.431, 47.074** is the 20% darker color. If you saturate the color by 10%, you get **54, 73.472, 47.020**, and if you desaturate by 10%, it is **60, 53.342, 46.824**.

Distribution



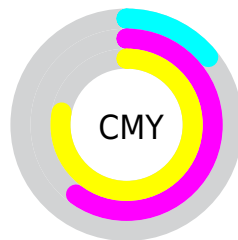
- Red (86%)
- Green (40%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (54%)
- Yellow (74%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 63.548, 46.973 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, 63.548, 46.973 by changing the saturation by 10% instead.

■ 57, 63.548, 46.973

■ 57, 63.548, 46.973

■ 100, 63.548,
46.973

■ 47, 63.548, 46.973

■ 77, 63.548, 46.973

■ 37, 63.548, 46.973

■ 87, 63.548, 46.973

■ 27, 63.548, 46.973

■ 97, 63.548, 46.973

■ 17, 63.548, 46.973

■ 7, 63.548, 46.973

■ 0, 63.548, 46.973

■ 57, 63.548, 46.973

■ 57, 63.548, 46.973

■ 54, 73.472, 47.020

■ 60, 53.342, 46.824

■ 51, 81.907, 46.494

■ 64, 43.434, 46.755

50, 85.919, 45.977

68, 34.062, 46.828

72, 25.313, 47.043

77, 17.198, 47.378

81, 9.687, 47.798

86, 2.734, 48.173

90, 3.717, 229.098

95, 9.720, 229.616

Harmonies

Complementary

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



57, 63.548, 46.973



67, 36.617, 240.987

Rectangle

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



57, 63.548, 46.973



57, 63.548, 96.973



57, 63.548, 226.973



57, 63.548, 276.973

Sweetspot

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



57, 63.546, 46.976



89, 17.537, 47.456



53, 77.624, 339.059



46, 11.912, 47.349



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, 63.546, 46.976



61, 87.823, 46.840



75, 64.909, 88.884



44, 3.808, 48.005



40, 71.579, 46.478



8, 19.986, 36.707

Inverse Universe

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



67, 36.617, 240.987



73, 45.194, 247.248



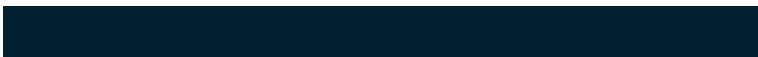
44, 74.020, 293.746



45, 3.611, 229.306



49, 35.335, 251.276



11, 13.462, 241.517

Previews

White Background



This preview shows how the CIELCh color 57, 63.548, 46.973 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, 63.548, 46.973 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, 63.548, 46.973

Background



This preview shows how black text looks on a background with the CIELCh color 57, 63.548, 46.973.



This preview shows how white text looks on a background with the CIELCh color 57, 63.548, 46.973.

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, 63.548, 46.973

Protanopia

57, 38.748, 95.355

Deuteranopia

57, 48.678, 81.206



Tritanopia
57, 54.034, 22.771

Trichromacy



Original Color
57, 63.548, 46.973

Protanomaly
56, 42.806, 70.374

Deuteranomaly
57, 51.557, 65.841

Tritanomaly
57, 56.275, 32.874

Monochromacy



Original Color
57, 63.548, 46.973

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, 63.548, 46.973 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(220, 102, 57)` looks like.

```
.text, #text, p{  
    color:rgb(220, 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(220, 102, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 102, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 63.548, 46.973 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(220, 102, 57) }
```

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

```
.border{ border-color:rgb(220, 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(220, 102, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 102, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 102, 57);  
box-shadow:4px 4px 4px 4px rgb(220, 102,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 63.548, 46.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 102, 57) }
```

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

```
.background{ background-color: rgb(220,  
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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