

Converting Colors

CIELCh(59, 60.292, 43.188)

Have a look what the booklet for
CIELCh(59, 60.292, 43.188) contains.

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Color

CIELCh(59, 60.188, 43.170)

Conversions

Conversions Part 1

Format	Color
Hex	E26B48
RGB	226, 107, 72
RGB Percent	89%, 42%, 28%
CMY	0.1151, 0.5816, 0.7187
CMYK	0.00, 0.53, 0.68, 0.12
HSL	14°, 72%, 58%
HSV	14°, 68%, 88%
XYZ	37.6391, 27.0277, 9.3168
YIQ	138.5910, 82.1590, 14.3430

Conversions

Conversions Part 2

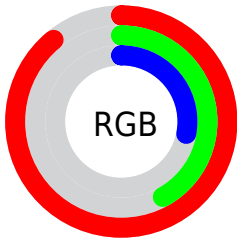
Format	Color
RYB	226, 117, 72
Decimal	14838600
CIELab	59.00, 43.90, 41.18
CIElCh	59, 60.188, 43.170
Yxy	27.0277, 0.5087, 0.3653
Android (android.graphics.Color)	4293028680 (0xFFE26B48)
YUV	138.5910, -32.8294, 76.6577
Hunter-Lab	51.9882, 38.2533, 25.7664

Details

The CIELCh color **59, 60.188, 43.170** 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 **72, 35.046, 230.776**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 46.599, 48.359**, and **39, 60.162, 43.082** is the 20% darker color. If you saturate the color by 10%, you get **56, 70.864, 43.850**, and if you desaturate by 10%, it is **63, 49.621, 42.595**.

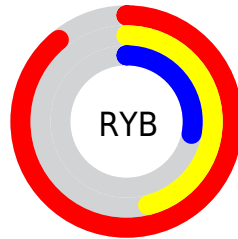
Distribution



Red (89%)

Green (42%)

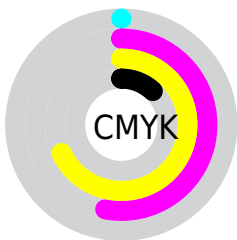
Blue (28%)



Red (89%)

Yellow (46%)

Blue (28%)

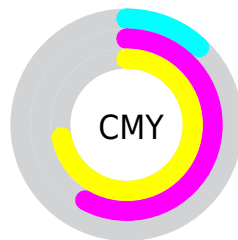


Cyan (0%)

Magenta (53%)

Yellow (68%)

Black (12%)



Cyan (12%)

Magenta (58%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 60.188, 43.170 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 59, 60.188, 43.170 by changing the saturation by 10% instead.

59, 60.188, 43.170

59, 60.188, 43.170

100, 60.188,
43.170

49, 60.188, 43.170

79, 60.188, 43.170

39, 60.188, 43.170

89, 60.188, 43.170

29, 60.188, 43.170

99, 60.188, 43.170

19, 60.188, 43.170

9, 60.188, 43.170

0, 60.188, 43.170

59, 60.188, 43.170

59, 60.188, 43.170

56, 70.864, 43.850

63, 49.621, 42.595

53, 80.817, 44.326

67, 39.536, 42.210

50, 88.546, 44.060

71, 30.082, 42.023

50, 89.801, 44.058

76, 21.306, 42.008

81, 13.196, 42.128

86, 5.712, 42.318

91, 1.199, 223.240

96, 7.596, 223.219

98, 9.961, 198.843

Harmonies

Complementary

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



59, 60.188, 43.170



72, 35.046, 230.776

Rectangle

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



59, 60.188, 43.170



59, 60.188, 93.170



59, 60.188, 223.170



59, 60.188, 273.170

Sweetspot

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



59, 60.186, 43.173



89, 16.129, 42.097



57, 77.858, 336.025



46, 11.134, 42.057



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 60.186, 43.173



61, 82.650, 44.111



76, 60.078, 85.846



45, 3.951, 42.296



39, 74.138, 44.500



8, 21.960, 34.025

Inverse Universe

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



72, 35.046, 230.776



78, 42.150, 235.078



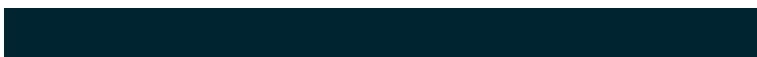
51, 64.196, 289.065



46, 3.731, 223.171



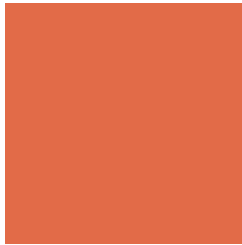
53, 33.852, 241.288



13, 13.603, 233.299

Previews

White Background



This preview shows how the CIELCh color 59, 60.188, 43.170 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 59, 60.188, 43.170 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 59, 60.188, 43.170

Background



This preview shows how black text looks on a background with the CIELCh color 59, 60.188, 43.170.



This preview shows how white text looks on a background with the CIELCh color 59, 60.188, 43.170.

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

59, 60.188, 43.170

Protanopia

59, 33.234, 96.290

Deuteranopia

59, 43.306, 80.187



Tritanopia
59, 53.630, 22.410

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 60.188, 43.170 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(226, 107, 72)` looks like.

```
.text, #text, p{  
    color:rgb(226, 107, 72)  
}
```

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(226, 107, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 107, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 60.188, 43.170 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(226, 107, 72) }
```

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

```
.border{ border-color:rgb(226, 107, 72) }
```

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

Here you see how a box with a 4 pixel rgb(226, 107, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 107, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 107, 72);  
box-shadow:4px 4px 4px 4px rgb(226, 107,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 60.188, 43.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 107, 72) }
```

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

```
.background{ background-color: rgb(226,  
107, 72) }
```

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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