

Converting Colors

CIELCh(61, 64.966, 43.020)

Have a look what the booklet for
CIELCh(61, 64.966, 43.020) contains.

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Color

CIELCh(61, 64.860, 43.000)

Conversions

Conversions Part 1

Format	Color
Hex	ED6C47
RGB	237, 108, 71
RGB Percent	93%, 42%, 28%
CMY	0.0699, 0.5759, 0.7210
CMYK	0.00, 0.54, 0.70, 0.07
HSL	13°, 82%, 60%
HSV	13°, 70%, 93%
XYZ	41.5038, 29.2481, 9.4418
YIQ	142.3530, 88.7610, 15.8410

Conversions

Conversions Part 2

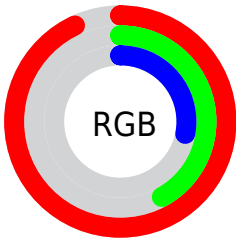
Format	Color
RYB	237, 119, 71
Decimal	15559751
CIELab	61.00, 47.44, 44.23
CIElCh	61, 64.860, 43.000
Yxy	29.2481, 0.5175, 0.3647
Android (android.graphics.Color)	4293749831 (0xFFED6C47)
YUV	142.3530, -35.1770, 83.0054
Hunter-Lab	54.0815, 42.3434, 27.5059

Details

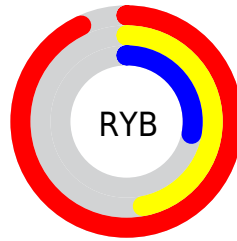
The CIELCh color **61, 64.860, 43.000** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **75, 36.953, 230.553**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 46.801, 49.558**, and **41, 64.914, 43.085** is the 20% darker color. If you saturate the color by 10%, you get **58, 75.938, 43.726**, and if you desaturate by 10%, it is **65, 53.770, 42.349**.

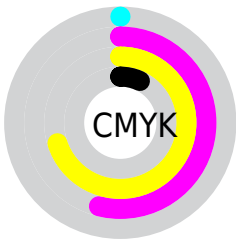
Distribution



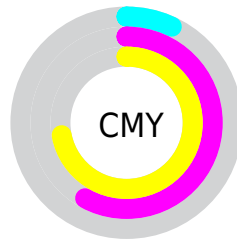
- Red (93%)
- Green (42%)
- Blue (28%)



- Red (93%)
- Yellow (47%)
- Blue (28%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (58%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 64.860, 43.000 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 61, 64.860, 43.000 by changing the saturation by 10% instead.

61, 64.860, 43.000

61, 64.860, 43.000

100, 64.860,
43.000

51, 64.860, 43.000

81, 64.860, 43.000

41, 64.860, 43.000

91, 64.860, 43.000

31, 64.860, 43.000

21, 64.860, 43.000

11, 64.860, 43.000

1, 64.860, 43.000

0, 64.860, 43.000

61, 64.860, 43.000

61, 64.860, 43.000

58, 75.938, 43.726

65, 53.770, 42.349

55, 85.979, 44.148

69, 43.130, 41.886

52, 93.513, 43.840

74, 33.130, 41.629

79, 23.834, 41.557

84, 15.242, 41.630

89, 7.316, 41.795

94, 0.011, 323.203

99, 6.119, 199.126

Harmonies

Complementary

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



61, 64.860, 43.000



75, 36.953, 230.553

Rectangle

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



61, 64.860, 43.000



61, 64.860, 93.000



61, 64.860, 223.000



61, 64.860, 273.000

Sweetspot

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



61, 64.858, 43.003



89, 17.043, 41.617



59, 82.350, 336.199



46, 11.669, 41.588



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 64.858, 43.003



60, 85.036, 43.980



79, 63.975, 85.544



47, 4.181, 41.804



41, 76.751, 44.265



10, 25.876, 36.515

Inverse Universe

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



75, 36.953, 230.553



78, 42.470, 234.964



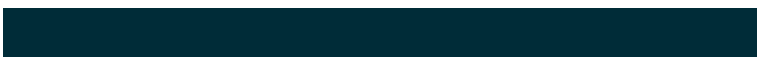
52, 68.799, 289.701



49, 3.945, 222.644



55, 34.836, 240.519



16, 14.933, 233.801

Previews

White Background



This preview shows how the CIELCh color 61, 64.860, 43.000 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 61, 64.860, 43.000 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 61, 64.860, 43.000

Background



This preview shows how black text looks on a background with the CIELCh color 61, 64.860, 43.000.

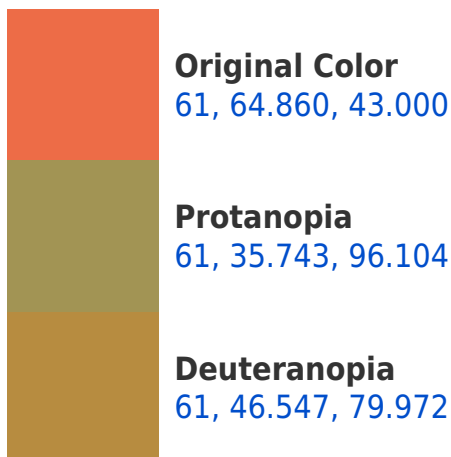


This preview shows how white text looks on a background with the CIELCh color 61, 64.860, 43.000.

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
61, 57.634, 23.168

Trichromacy



Original Color
61, 64.860, 43.000

Protanomaly
60, 40.566, 68.145

Deuteranomaly
60, 50.203, 62.087

Tritanomaly
61, 59.178, 31.082

Monochromacy



Original Color
61, 64.860, 43.000

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 21.590, 40.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 64.860, 43.000 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(237, 108, 71)` looks like.

```
.text, #text, p{  
    color:rgb(237, 108, 71)  
}
```

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(237, 108, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 108, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 64.860, 43.000 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(237, 108, 71) }
```

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

```
.border{ border-color:rgb(237, 108, 71) }
```

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

Here you see how a box with a 4 pixel rgb(237, 108, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 108, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 108, 71);  
box-shadow:4px 4px 4px 4px rgb(237, 108,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 64.860, 43.000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 108, 71) }
```

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

```
.background{ background-color: rgb(237,  
108, 71) }
```

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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