

Converting Colors

CIELCh(61, 65.793, 44.852)

Have a look what the booklet for
CIELCh(61, 65.793, 44.852) contains.

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Color

CIELCh(61, 65.923, 44.813)

Conversions

Conversions Part 1

Format	Color
Hex	ED6D43
RGB	237, 109, 67
RGB Percent	93%, 43%, 26%
CMY	0.0717, 0.5734, 0.7381
CMYK	0.00, 0.54, 0.72, 0.07
HSL	15°, 82%, 60%
HSV	15°, 72%, 93%
XYZ	41.2845, 29.2481, 8.7468
YIQ	142.4840, 89.7700, 14.0740

Conversions

Conversions Part 2

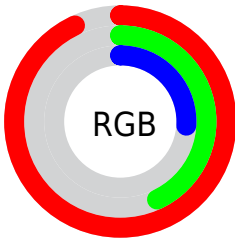
Format	Color
R_{YB}	237, 123, 67
Decimal	15560003
CIE Lab	61.00, 46.77, 46.46
CIE LCh	61, 65.923, 44.813
Yxy	29.2481, 0.5207, 0.3689
Android (android.graphics.Color)	4293750083 (0xFFED6D43)
YUV	142.4840, -37.2136, 82.8905
Hunter-Lab	54.0815, 41.6198, 28.2679

Details

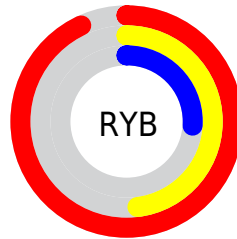
The CIELCh color **61, 65.923, 44.813** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **74, 37.597, 235.247**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 48.058, 52.119**, and **41, 66.091, 44.816** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.780, 45.238**, and if you desaturate by 10%, it is **65, 54.937, 44.383**.

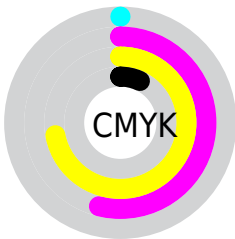
Distribution



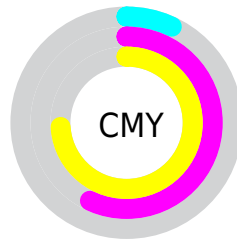
- Red (93%)
- Green (43%)
- Blue (26%)



- Red (93%)
- Yellow (48%)
- Blue (26%)



- Cyan (0%)
- Magenta (54%)
- Yellow (72%)
- Black (7%)



- Cyan (7%)
- Magenta (57%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 65.923, 44.813 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, 65.923, 44.813 by changing the saturation by 10% instead.

61, 65.923, 44.813

61, 65.923, 44.813

100, 65.923,
44.813

51, 65.923, 44.813

81, 65.923, 44.813

41, 65.923, 44.813

91, 65.923, 44.813

31, 65.923, 44.813

21, 65.923, 44.813

11, 65.923, 44.813

1, 65.923, 44.813

0, 65.923, 44.813

61, 65.923, 44.813

61, 65.923, 44.813

58, 76.780, 45.238

65, 54.937, 44.383

55, 86.357, 45.233

69, 44.351, 44.095

53, 92.346, 44.689

73, 34.379, 43.985

78, 25.097, 44.042

83, 16.507, 44.234

88, 8.574, 44.516

93, 1.246, 44.505

98, 5.322, 219.648

99, 6.270, 199.114

Harmonies

Complementary

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



61, 65.923, 44.813



74, 37.597, 235.247

Rectangle

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



61, 65.923, 44.813



61, 65.923, 94.813



61, 65.923, 224.813



61, 65.923, 274.813

Sweetspot

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



61, 65.921, 44.816



88, 17.728, 44.227



58, 82.575, 337.157



46, 12.045, 44.164



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, 65.921, 44.816



60, 86.124, 45.328



80, 65.856, 86.601



47, 4.065, 44.585



41, 75.077, 45.177



10, 24.261, 37.363

Inverse Universe

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



74, 37.597, 235.247



76, 43.413, 240.383



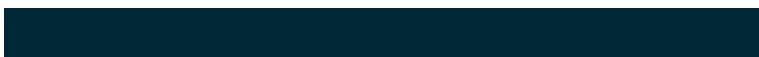
51, 72.361, 291.262



48, 3.843, 225.640



53, 35.251, 245.562



14, 14.636, 237.883

Previews

White Background



This preview shows how the CIELCh color 61, 65.923, 44.813 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, 65.923, 44.813 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, 65.923, 44.813

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.923, 44.813.



This preview shows how white text looks on a background with the CIELCh color 61, 65.923, 44.813.

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, 57.304, 23.566

Trichromacy



Original Color
61, 65.923, 44.813

Protanomaly
60, 42.652, 69.089

Deuteranomaly
61, 52.208, 64.261

Tritanomaly
61, 59.357, 32.468

Monochromacy



Original Color
61, 65.923, 44.813

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 21.716, 43.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.923, 44.813 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, 109, 67)` looks like.

```
.text, #text, p{  
    color:rgb(237, 109, 67)  
}
```

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, 109, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 109, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.923, 44.813 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, 109, 67) }
```

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

```
.border{ border-color:rgb(237, 109, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 109, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 109, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 109, 67);  
box-shadow:4px 4px 4px 4px rgb(237, 109,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.923, 44.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 109, 67) }
```

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

```
.background{ background-color: rgb(237,  
109, 67) }
```

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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