

Converting Colors

CIELCh(58, 60.725, 33.256)

Have a look what the booklet for
CIELCh(58, 60.725, 33.256) contains.

CIELCh(58, 60.833, 33.375)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 60.833, 33.375)

Conversions

Conversions Part 1

Format	Color
Hex	E66154
RGB	230, 97, 84
RGB Percent	90%, 38%, 33%
CMY	0.0986, 0.6201, 0.6710
CMYK	0.00, 0.58, 0.64, 0.10
HSL	5°, 74%, 62%
HSV	5°, 64%, 90%
XYZ	38.4424, 25.9610, 11.3483
YIQ	135.2850, 83.4410, 24.1530

Conversions

Conversions Part 2

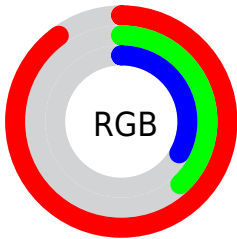
Format	Color
R_YB	230, 98, 84
Decimal	15098196
CIE _{Lab}	58.00, 50.80, 33.47
CIE _{LCh}	58, 60.833, 33.375
Yxy	25.9610, 0.5075, 0.3427
Android (android.graphics.Color)	4293288276 (0xFFE66154)
YUV	135.2850, -25.2835, 83.0651
Hunter-Lab	50.9519, 45.5096, 22.4610

Details

The CIELCh color **58, 60.833, 33.375** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **80, 36.299, 208.155**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.010, 35.399**, and **38, 60.898, 33.397** is the 20% darker color. If you saturate the color by 10%, you get **54, 72.036, 35.565**, and if you desaturate by 10%, it is **62, 49.706, 31.597**.

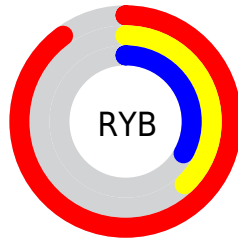
Distribution



Red (90%)

Green (38%)

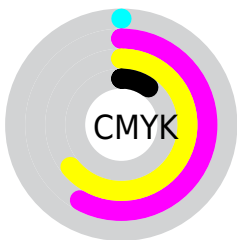
Blue (33%)



Red (90%)

Yellow (38%)

Blue (33%)

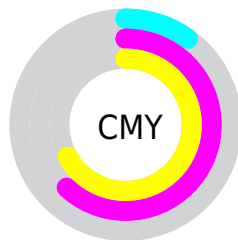


Cyan (0%)

Magenta (58%)

Yellow (64%)

Black (10%)



Cyan (10%)

Magenta (62%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 60.833, 33.375 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 58, 60.833, 33.375 by changing the saturation by 10% instead.

■ 58, 60.833, 33.375

■ 58, 60.833, 33.375

■ 100, 60.833,
33.375

■ 48, 60.833, 33.375

■ 78, 60.833, 33.375

■ 38, 60.833, 33.375

■ 88, 60.833, 33.375

■ 28, 60.833, 33.375

■ 98, 60.833, 33.375

■ 18, 60.833, 33.375

■ 8, 60.833, 33.375

■ 0, 60.833, 33.375

■ 58, 60.833, 33.375

■ 58, 60.833, 33.375

■ 54, 72.036, 35.565

■ 62, 49.706, 31.597

■ 51, 82.688, 37.963

■ 67, 38.994, 30.226

49, 91.402, 39.939

72, 28.879, 29.204

49, 95.397, 40.830

78, 19.448, 28.456

83, 10.720, 27.908

89, 2.670, 27.377

95, 4.752, 207.503

98, 8.572, 198.941

Harmonies

Complementary

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



58, 60.833, 33.375



80, 36.299, 208.155

Rectangle

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



58, 60.833, 33.375



58, 60.833, 83.375



58, 60.833, 213.375



58, 60.833, 263.375

Sweetspot

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



58, 60.830, 33.378



88, 16.793, 28.195



60, 82.190, 330.327



45, 11.696, 28.362



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 60.830, 33.378



59, 81.402, 36.262



73, 53.477, 75.128



45, 4.428, 27.720



38, 78.692, 41.038



7, 25.451, 26.476

Inverse Universe

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



80, 36.299, 208.155



87, 42.795, 209.182



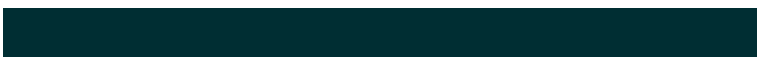
60, 49.427, 277.598



47, 4.164, 207.391



61, 34.465, 211.964



17, 14.648, 209.317

Previews

White Background



This preview shows how the CIELCh color 58, 60.833, 33.375 looks on a white background.

Color Contrast Check

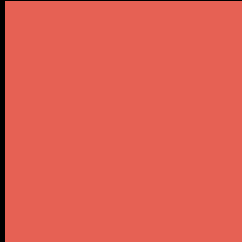
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 60.833, 33.375 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 58, 60.833, 33.375

Background



This preview shows how black text looks on a background with the CIELCh color 58, 60.833, 33.375.



This preview shows how white text looks on a background with the CIELCh color 58, 60.833, 33.375.

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

58, 60.833, 33.375

Protanopia

58, 22.359, 96.414

Deuteranopia

58, 36.323, 77.707



Tritanopia
58, 58.657, 23.817

Trichromacy



Original Color
58, 60.833, 33.375

Protanomaly
57, 30.261, 53.719

Deuteranomaly
57, 41.346, 54.230

Tritanomaly
58, 59.389, 27.288

Monochromacy



Original Color
58, 60.833, 33.375

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 20.723, 29.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 60.833, 33.375 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(230, 97, 84)` looks like.

```
.text, #text, p{  
    color:rgb(230, 97, 84)  
}
```

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(230, 97, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 97, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 60.833, 33.375 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(230, 97, 84) }
```

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

```
.border{ border-color:rgb(230, 97, 84) }
```

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

Here you see how a box with a 4 pixel rgb(230, 97, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 97, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 97, 84);  
box-shadow:4px 4px 4px 4px rgb(230, 97,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 60.833, 33.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 97, 84) }
```

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

```
.background{ background-color: rgb(230, 97,  
84) }
```

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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