

Converting Colors

CIELCh(58, 61.201, 38.812)

Have a look what the booklet for
CIELCh(58, 61.201, 38.812) contains.

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Color

CIELCh(58, 61.244, 38.688)

Conversions

Conversions Part 1

Format	Color
Hex	E3644B
RGB	227, 100, 75
RGB Percent	89%, 39%, 29%
CMY	0.1097, 0.6077, 0.7058
CMYK	0.00, 0.56, 0.67, 0.11
HSL	10°, 73%, 59%
HSV	10°, 67%, 89%
XYZ	37.5155, 25.9610, 9.6935
YIQ	135.1230, 83.7170, 19.1490

Conversions

Conversions Part 2

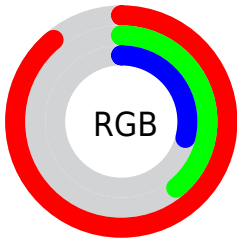
Format	Color
R _Y B	227, 105, 75
Decimal	14902347
CIE Lab	58.00, 47.80, 38.28
CIE LCh	58, 61.244, 38.688
Yxy	25.9610, 0.5127, 0.3548
Android (android.graphics.Color)	4293092427 (0xFFE3644B)
YUV	135.1230, -29.6406, 80.5761
Hunter-Lab	50.9519, 42.2622, 24.3865

Details

The CIELCh color **58, 61.244, 38.688** 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 **76, 35.207, 220.017**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 46.845, 41.939**, and **38, 61.213, 38.764** is the 20% darker color. If you saturate the color by 10%, you get **55, 72.212, 40.084**, and if you desaturate by 10%, it is **62, 50.379, 37.522**.

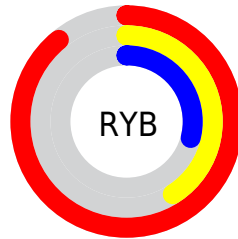
Distribution



Red (89%)

Green (39%)

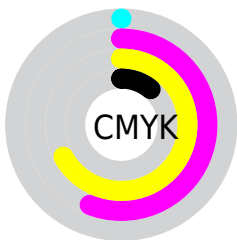
Blue (29%)



Red (89%)

Yellow (41%)

Blue (29%)

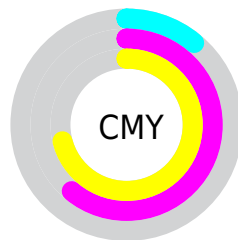


Cyan (0%)

Magenta (56%)

Yellow (67%)

Black (11%)



Cyan (11%)

Magenta (61%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 61.244, 38.688 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, 61.244, 38.688 by changing the saturation by 10% instead.

58, 61.244, 38.688

58, 61.244, 38.688

100, 61.244,
38.688

48, 61.244, 38.688

78, 61.244, 38.688

38, 61.244, 38.688

88, 61.244, 38.688

28, 61.244, 38.688

98, 61.244, 38.688

18, 61.244, 38.688

8, 61.244, 38.688

0, 61.244, 38.688

58, 61.244, 38.688

58, 61.244, 38.688

55, 72.212, 40.084

62, 50.379, 37.522

52, 82.501, 41.421

66, 39.980, 36.642

50, 90.482, 42.035

71, 30.210, 36.032

49, 92.524, 42.237

76, 21.131, 35.647

81, 12.743, 35.433

87, 5.014, 35.304

92, 2.110, 215.762

97, 8.531, 210.171

98, 9.507, 198.875

Harmonies

Complementary

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



58, 61.244, 38.688



76, 35.207, 220.017

Rectangle

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



58, 61.244, 38.688



58, 61.244, 88.688



58, 61.244, 218.688



58, 61.244, 268.688

Sweetspot

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



58, 61.242, 38.691



88, 16.739, 35.486



58, 80.787, 333.049



45, 11.557, 35.544



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, 61.242, 38.691



60, 82.994, 40.592



74, 57.331, 80.506



45, 4.174, 35.340



39, 76.936, 42.561



8, 24.178, 30.992

Inverse Universe

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



76, 35.207, 220.017



82, 41.647, 222.727



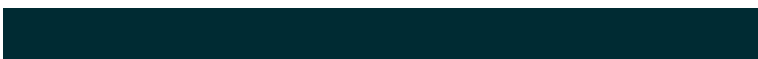
55, 57.238, 284.161



47, 3.929, 215.650



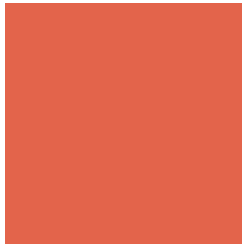
57, 33.314, 227.724



15, 14.033, 222.263

Previews

White Background



This preview shows how the CIELCh color 58, 61.244, 38.688 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, 61.244, 38.688 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, 61.244, 38.688

Background



This preview shows how black text looks on a background with the CIELCh color 58, 61.244, 38.688.



This preview shows how white text looks on a background with the CIELCh color 58, 61.244, 38.688.

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, 61.244, 38.688

Protanopia

58, 29.018, 96.231

Deuteranopia

58, 40.873, 79.514



Tritanopia
58, 56.487, 23.279

Trichromacy



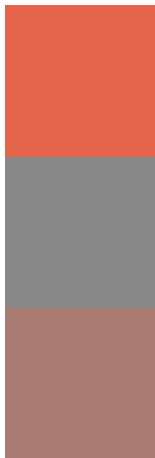
Original Color
58, 61.244, 38.688

Protanomaly
57, 34.671, 62.003

Deuteranomaly
57, 44.843, 59.206

Tritanomaly
58, 57.947, 28.982

Monochromacy



Original Color
58, 61.244, 38.688

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 20.540, 35.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 61.244, 38.688 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(227, 100, 75)` looks like.

```
.text, #text, p{  
    color:rgb(227, 100, 75)  
}
```

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(227, 100, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 100, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 61.244, 38.688 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(227, 100, 75) }
```

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

```
.border{ border-color:rgb(227, 100, 75) }
```

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

Here you see how a box with a 4 pixel rgb(227, 100, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 100, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 100, 75);  
box-shadow:4px 4px 4px 4px rgb(227, 100,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 61.244, 38.688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 100, 75) }
```

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

```
.background{ background-color: rgb(227,  
100, 75) }
```

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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