

Converting Colors

CIELCh(58, 61.005, 49.396)

Have a look what the booklet for
CIELCh(58, 61.005, 49.396) contains.

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Color

CIELCh(58, 61.007, 49.402)

Conversions

Conversions Part 1

Format	Color
Hex	DA6C3B
RGB	218, 108, 59
RGB Percent	85%, 42%, 23%
CMY	0.1449, 0.5763, 0.7685
CMYK	0.00, 0.50, 0.73, 0.14
HSL	18°, 68%, 54%
HSV	18°, 73%, 86%
XYZ	35.0831, 25.9610, 7.3041
YIQ	135.3040, 81.2890, 8.0810

Conversions

Conversions Part 2

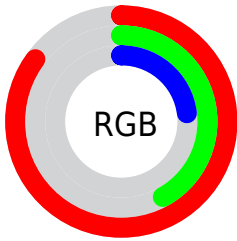
Format	Color
R_{YB}	218, 130, 59
Decimal	14314555
CIE _{Lab}	58.00, 39.70, 46.32
CIE _{LCh}	58, 61.007, 49.402
Yxy	25.9610, 0.5133, 0.3798
Android (android.graphics.Color)	4292504635 (0xFFDA6C3B)
YUV	135.3040, -37.6179, 72.5244
Hunter-Lab	50.9519, 33.7408, 27.1670

Details

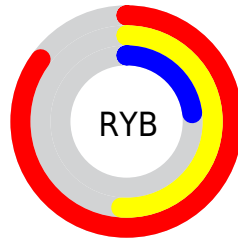
The CIELCh color **58, 61.007, 49.402** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **65, 36.897, 246.019**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 51.092, 54.143**, and **38, 61.044, 49.402** is the 20% darker color. If you saturate the color by 10%, you get **55, 70.732, 49.135**, and if you desaturate by 10%, it is **61, 51.080, 49.562**.

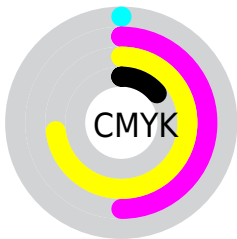
Distribution



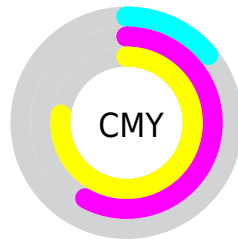
- Red (85%)
- Green (42%)
- Blue (23%)



- Red (85%)
- Yellow (51%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (73%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 61.007, 49.402 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, 61.007, 49.402 by changing the saturation by 10% instead.

58, 61.007, 49.402

58, 61.007, 49.402

100, 61.007,
49.402

48, 61.007, 49.402

78, 61.007, 49.402

38, 61.007, 49.402

88, 61.007, 49.402

28, 61.007, 49.402

98, 61.007, 49.402

18, 61.007, 49.402

8, 61.007, 49.402

0, 61.007, 49.402

58, 61.007, 49.402

58, 61.007, 49.402

55, 70.732, 49.135

61, 51.080, 49.562

52, 79.180, 48.349

65, 41.468, 49.774

51, 83.976, 47.460

69, 32.382, 50.094

73, 23.895, 50.527

77, 16.007, 51.053

81, 8.689, 51.640

86, 1.893, 52.092

90, 4.435, 233.206

95, 10.274,
233.196

Harmonies

Complementary

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



58, 61.007, 49.402



65, 36.897, 246.019

Rectangle

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



58, 61.007, 49.402



58, 61.007, 99.402



58, 61.007, 229.402



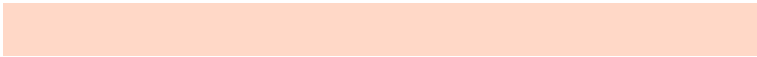
58, 61.007, 279.402

Sweetspot

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



58, 61.005, 49.405



89, 17.393, 51.095



53, 74.837, 340.695



46, 11.810, 50.941



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, 61.005, 49.405



62, 85.460, 48.777



76, 65.012, 91.525



44, 3.784, 51.846



40, 70.375, 47.986



8, 19.592, 39.467

Inverse Universe

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



65, 36.897, 246.019



71, 46.681, 252.686



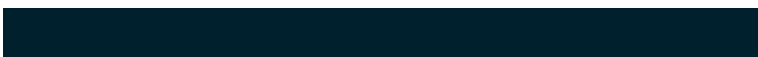
43, 75.581, 295.033



44, 3.601, 233.408



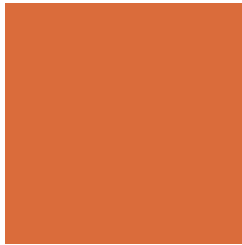
48, 37.075, 257.374



11, 13.824, 247.071

Previews

White Background



This preview shows how the CIELCh color 58, 61.007, 49.402 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, 61.007, 49.402 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, 61.007, 49.402

Background



This preview shows how black text looks on a background with the CIELCh color 58, 61.007, 49.402.



This preview shows how white text looks on a background with the CIELCh color 58, 61.007, 49.402.

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, 61.007, 49.402

Protanopia

58, 39.650, 95.585

Deuteranopia

58, 48.154, 81.241

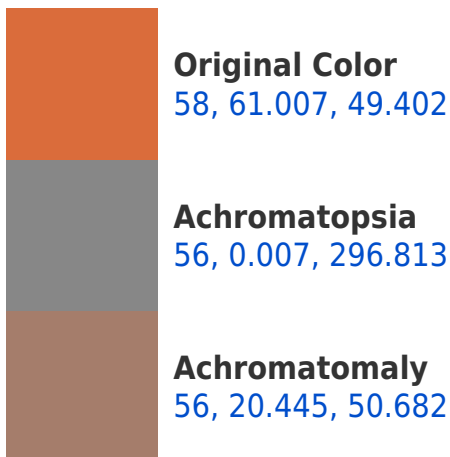


Tritanopia
58, 50.755, 21.795

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 61.007, 49.402 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(218, 108, 59)` looks like.

```
.text, #text, p{  
    color:rgb(218, 108, 59)  
}
```

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(218, 108, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 108, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 61.007, 49.402 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(218, 108, 59) }
```

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

```
.border{ border-color:rgb(218, 108, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 108, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 108, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 108, 59);  
box-shadow:4px 4px 4px 4px rgb(218, 108,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 61.007, 49.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 108, 59) }
```

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

```
.background{ background-color: rgb(218,  
108, 59) }
```

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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