

Converting Colors

CIELCh(61, 53.819, 68.904)

Have a look what the booklet for
CIELCh(61, 53.819, 68.904) contains.

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Color

CIELCh(61, 53.695, 68.770)

Conversions

Conversions Part 1

Format	Color
Hex	C88438
RGB	200, 132, 56
RGB Percent	78%, 52%, 22%
CMY	0.2138, 0.4807, 0.7788
CMYK	0.00, 0.34, 0.72, 0.21
HSL	32°, 57%, 50%
HSV	32°, 72%, 79%
XYZ	32.9771, 29.2481, 7.7003
YIQ	143.6680, 64.9240, -9.2200

Conversions

Conversions Part 2

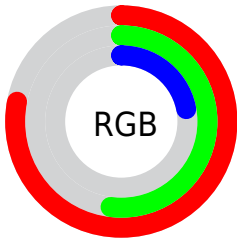
Format	Color
RYB	185, 200, 56
Decimal	13141048
CIELab	61.00, 19.44, 50.05
CIELCh	61, 53.695, 68.770
Yxy	29.2481, 0.4716, 0.4183
Android (android.graphics.Color)	4291331128 (0xFFC88438)
YUV	143.6680, -43.2203, 49.4032
Hunter-Lab	54.0815, 14.2004, 29.4152

Details

The CIELCh color **61, 53.695, 68.770** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **51, 45.890, 275.088**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 51.987, 70.627**, and **41, 53.363, 68.521** is the 20% darker color. If you saturate the color by 10%, you get **59, 61.002, 67.054**, and if you desaturate by 10%, it is **63, 45.788, 70.260**.

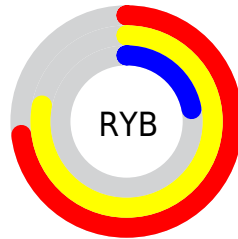
Distribution



Red (78%)

Green (52%)

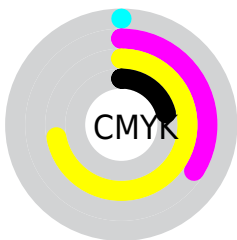
Blue (22%)



Red (73%)

Yellow (78%)

Blue (22%)

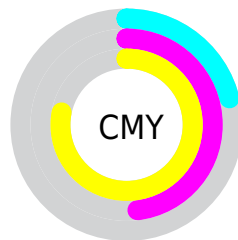


Cyan (0%)

Magenta (34%)

Yellow (72%)

Black (21%)



Cyan (21%)

Magenta (48%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 53.695, 68.770 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, 53.695, 68.770 by changing the saturation by 10% instead.

61, 53.695, 68.770

61, 53.695, 68.770

100, 53.695,
68.770

51, 53.695, 68.770

81, 53.695, 68.770

41, 53.695, 68.770

91, 53.695, 68.770

31, 53.695, 68.770

21, 53.695, 68.770

11, 53.695, 68.770

1, 53.695, 68.770

0, 53.695, 68.770

61, 53.695, 68.770

61, 53.695, 68.770

59, 61.002, 67.054

63, 45.788, 70.260

56, 66.885, 64.852

66, 37.777, 71.643

55, 70.437, 62.689

69, 29.908, 72.980

72, 22.295, 74.291

74, 14.977, 75.580

77, 7.956, 76.833

80, 1.219, 77.837

83, 5.256, 259.397

86, 11.497,
260.532

Harmonies

Complementary

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



61, 53.695, 68.770



51, 45.890, 275.088

Rectangle

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



61, 53.695, 68.770



61, 53.695, 118.770



61, 53.695, 248.770



61, 53.695, 298.770

Sweetspot

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



61, 53.694, 68.773



92, 18.336, 75.523



48, 62.037, 354.284



48, 12.392, 75.171



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, 53.694, 68.773



72, 77.185, 65.957



78, 69.555, 104.688



40, 3.758, 77.134



45, 60.315, 63.289



7, 12.990, 60.877

Inverse Universe

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



51, 45.890, 275.088



58, 66.648, 281.389



34, 87.517, 302.408



40, 3.692, 259.638



34, 54.107, 286.222



5, 14.467, 272.570

Previews

White Background



This preview shows how the CIELCh color 61, 53.695, 68.770 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, 53.695, 68.770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

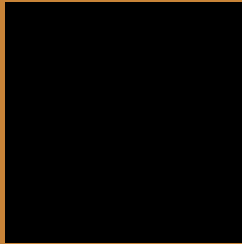
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 53.695, 68.770

Background



This preview shows how black text looks on a background with the CIELCh color 61, 53.695, 68.770.



This preview shows how white text looks on a background with the CIELCh color 61, 53.695, 68.770.

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

61, 53.695, 68.770

Protanopia

61, 47.171, 95.927

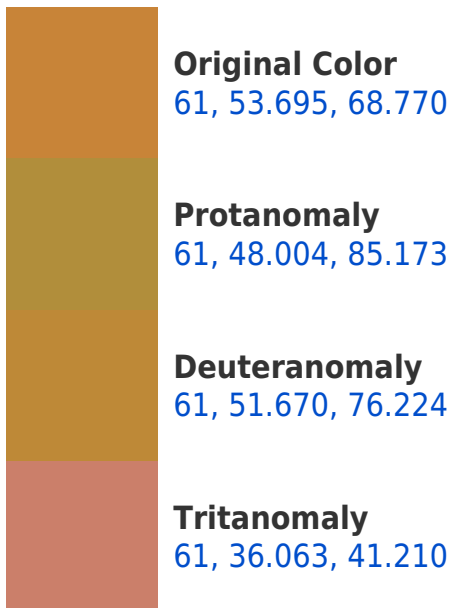
Deuteranopia

61, 51.134, 81.052



Tritanopia
61, 33.646, 13.924

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 53.695, 68.770 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(200, 132, 56)` looks like.

```
.text, #text, p{  
    color:rgb(200, 132, 56)  
}
```

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(200, 132, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 132, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 53.695, 68.770 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(200, 132, 56) }
```

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

```
.border{ border-color:rgb(200, 132, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 132, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 132, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 132, 56);  
box-shadow:4px 4px 4px 4px rgb(200, 132,  
56) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 53.695, 68.770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 132, 56) }
```

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

```
.background{ background-color: rgb(200,  
132, 56) }
```

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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