

Converting Colors

CIELCh(60, 55.267, 67.448)

Have a look what the booklet for
CIELCh(60, 55.267, 67.448) contains.

CIELCh(60, 55.199, 67.762)	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(60, 55.199, 67.762)

Conversions

Conversions Part 1

Format	Color
Hex	C88134
RGB	200, 129, 52
RGB Percent	78%, 51%, 20%
CMY	0.2168, 0.4950, 0.7970
CMYK	0.00, 0.36, 0.74, 0.22
HSL	31°, 59%, 49%
HSV	31°, 74%, 78%
XYZ	32.1773, 28.1233, 6.9532
YIQ	141.4510, 67.0330, -8.8950

Conversions

Conversions Part 2

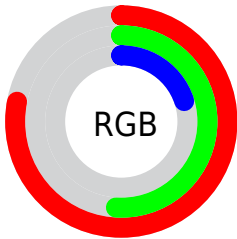
Format	Color
R_{YB}	188, 200, 52
Decimal	13140276
CIE Lab	60.00, 20.89, 51.09
CIE LCh	60, 55.199, 67.762
Yxy	28.1233, 0.4784, 0.4182
Android (android.graphics.Color)	4291330356 (0xFFC88134)
YUV	141.4510, -44.0993, 51.3475
Hunter-Lab	53.0314, 15.5013, 29.3483

Details

The CIELCh color **60, 55.199, 67.762** 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, 46.582, 275.205**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 53.429, 69.710**, and **40, 53.598, 66.625** is the 20% darker color. If you saturate the color by 10%, you get **58, 62.319, 65.986**, and if you desaturate by 10%, it is **62, 47.351, 69.268**.

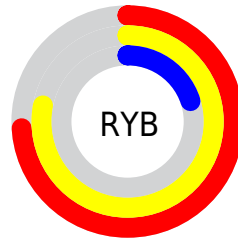
Distribution



Red (78%)

Green (51%)

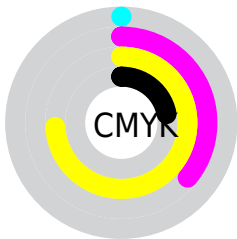
Blue (20%)



Red (74%)

Yellow (78%)

Blue (20%)

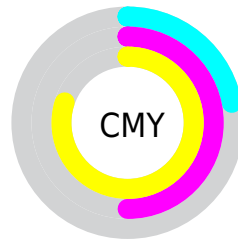


Cyan (0%)

Magenta (36%)

Yellow (74%)

Black (22%)



Cyan (22%)

Magenta (50%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 55.199, 67.762 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 60, 55.199, 67.762 by changing the saturation by 10% instead.

60, 55.199, 67.762

60, 55.199, 67.762

100, 55.199,
67.762

50, 55.199, 67.762

80, 55.199, 67.762

40, 55.199, 67.762

90, 55.199, 67.762

30, 55.199, 67.762

20, 55.199, 67.762

10, 55.199, 67.762

0, 55.199, 67.762

60, 55.199, 67.762

60, 55.199, 67.762

58, 62.319, 65.986

62, 47.351, 69.268

55, 67.824, 63.647

65, 39.337, 70.649

54, 70.420, 62.085

68, 31.441, 71.978

71, 23.796, 73.281

73, 16.450, 74.565

76, 9.411, 75.819

79, 2.666, 76.970

82, 3.808, 258.407

85, 10.037,
259.525

Harmonies

Complementary

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



60, 55.199, 67.762



51, 46.582, 275.205

Rectangle

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



60, 55.199, 67.762



60, 55.199, 117.762



60, 55.199, 247.762



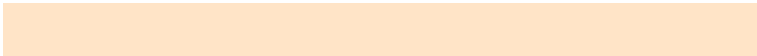
60, 55.199, 297.762

Sweetspot

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



60, 55.198, 67.765



92, 18.255, 74.789



47, 63.052, 354.835



48, 12.340, 74.439



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 55.198, 67.765



71, 79.322, 64.625



78, 70.811, 104.570



40, 3.739, 76.389



45, 60.464, 62.679



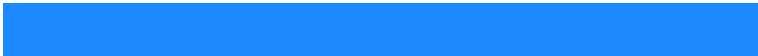
7, 12.976, 59.975

Inverse Universe

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



51, 46.582, 275.205



57, 68.090, 282.030



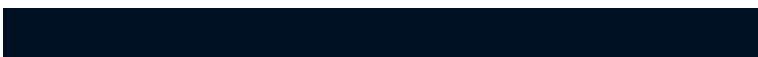
33, 89.967, 302.855



40, 3.670, 258.886



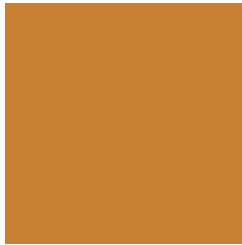
34, 53.354, 285.568



5, 14.351, 272.006

Previews

White Background



This preview shows how the CIELCh color 60, 55.199, 67.762 looks on a white background.

Color Contrast Check

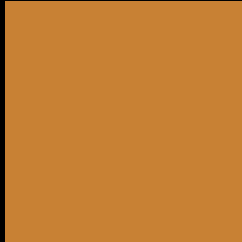
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 55.199, 67.762 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 60, 55.199, 67.762

Background



This preview shows how black text looks on a background with the CIELCh color 60, 55.199, 67.762.



This preview shows how white text looks on a background with the CIELCh color 60, 55.199, 67.762.

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

60, 55.199, 67.762

Protanopia

60, 48.214, 95.314

Deuteranopia

60, 52.217, 81.778



Tritanopia
60, 34.621, 15.275

Trichromacy



Original Color
60, 55.199, 67.762

Protanomaly
60, 49.334, 84.238

Deuteranomaly
60, 52.973, 76.600

Tritanomaly
60, 37.394, 41.586

Monochromacy



Original Color
60, 55.199, 67.762

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 19.265, 74.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 55.199, 67.762 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, 129, 52)` looks like.

```
.text, #text, p{  
    color:rgb(200, 129, 52)  
}
```

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, 129, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 129, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 55.199, 67.762 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, 129, 52) }
```

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

```
.border{ border-color:rgb(200, 129, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 129, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 129, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 129, 52);  
box-shadow:4px 4px 4px 4px rgb(200, 129,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 55.199, 67.762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 129, 52) }
```

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

```
.background{ background-color: rgb(200,  
129, 52) }
```

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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