

Converting Colors

CIELCh(66, 58.875, 89.355)

Have a look what the booklet for
CIELCh(66, 58.875, 89.355) contains.

CIELCh(66, 58.918, 89.069)	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(66, 58.918, 89.069)

Conversions

Conversions Part 1

Format	Color
Hex	BE9D2E
RGB	190, 157, 46
RGB Percent	75%, 62%, 18%
CMY	0.2543, 0.3838, 0.8190
CMYK	0.00, 0.17, 0.76, 0.25
HSL	46°, 61%, 46%
HSV	46°, 76%, 75%
XYZ	33.8478, 35.3238, 7.6339
YIQ	154.2130, 55.2990, -27.5250

Conversions

Conversions Part 2

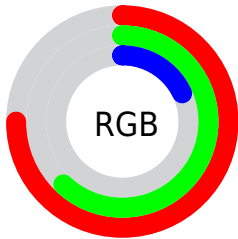
Format	Color
RYB	89, 190, 46
Decimal	12492078
CIELab	66.00, 0.96, 58.91
CIElCh	66, 58.918, 89.069
Yxy	35.3238, 0.4407, 0.4599
Android (android.graphics.Color)	4290682158 (0xFFBE9D2E)
YUV	154.2130, -53.3490, 31.3852
Hunter-Lab	59.4338, -2.3529, 33.9883

Details

The CIELCh color **66, 58.918, 89.069** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **38, 67.688, 294.232**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 58.878, 88.797**, and **46, 52.614, 88.602** is the 20% darker color. If you saturate the color by 10%, you get **65, 63.928, 87.612**, and if you desaturate by 10%, it is **67, 52.406, 90.437**.

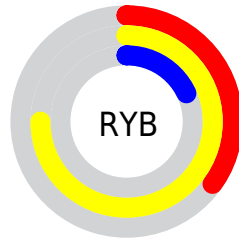
Distribution



Red (75%)

Green (62%)

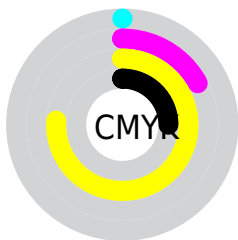
Blue (18%)



Red (35%)

Yellow (75%)

Blue (18%)

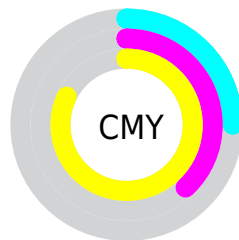


Cyan (0%)

Magenta (17%)

Yellow (76%)

Black (25%)



Cyan (25%)

Magenta (38%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 58.918, 89.069 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 66, 58.918, 89.069 by changing the saturation by 10% instead.

66, 58.918, 89.069

66, 58.918, 89.069

100, 58.918,
89.069

56, 58.918, 89.069

86, 58.918, 89.069

46, 58.918, 89.069

96, 58.918, 89.069

36, 58.918, 89.069

26, 58.918, 89.069

16, 58.918, 89.069

6, 58.918, 89.069

0, 58.918, 89.069

66, 58.918, 89.069

66, 58.918, 89.069

65, 63.928, 87.612

67, 52.406, 90.437

64, 66.821, 85.976

69, 44.996, 91.755

63, 67.703, 85.252

70, 37.108, 93.044

71, 29.003, 94.309

73, 20.833, 95.546

75, 12.680, 96.751

76, 4.590, 97.901

78, 3.415, 279.118

79, 11.326,
280.171

Harmonies

Complementary

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



66, 58.918, 89.069



38, 67.688, 294.232

Rectangle

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



66, 58.918, 89.069



66, 58.918, 139.069



66, 58.918, 269.069



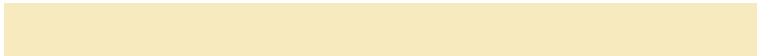
66, 58.918, 319.069

Sweetspot

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



66, 58.918, 89.072



93, 23.036, 95.834



44, 60.251, 15.225



49, 16.096, 95.387



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 58.918, 89.072



81, 80.578, 86.534



72, 71.266, 116.933



39, 4.523, 97.495



53, 59.129, 85.534



8, 12.458, 90.837

Inverse Universe

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



38, 67.688, 294.232



41, 102.500, 299.404



33, 86.634, 307.100



37, 4.565, 279.744



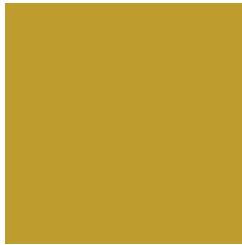
23, 78.315, 301.072



2, 14.633, 283.181

Previews

White Background



This preview shows how the CIELCh color 66, 58.918, 89.069 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 66, 58.918, 89.069 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 ✓ Pass

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

CIELCh 66, 58.918, 89.069

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.918, 89.069.



This preview shows how white text looks on a background with the CIELCh color 66, 58.918, 89.069.

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

66, 58.918, 89.069

Protanopia

66, 58.571, 95.457

Deuteranopia

66, 59.060, 81.628



Tritanopia
66, 20.928, 4.808

Trichromacy



Original Color
66, 58.918, 89.069

Protanomaly
66, 58.630, 93.194

Deuteranomaly
66, 59.013, 84.443

Tritanomaly
66, 27.018, 63.780

Monochromacy



Original Color
66, 58.918, 89.069

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 22.684, 94.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.918, 89.069 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(190, 157, 46)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 46)  
}
```

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(190, 157, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.918, 89.069 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(190, 157, 46) }
```

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

```
.border{ border-color:rgb(190, 157, 46) }
```

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

Here you see how a box with a 4 pixel rgb(190, 157, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 157, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 157, 46);  
box-shadow:4px 4px 4px 4px rgb(190, 157,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.918, 89.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 46) }
```

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

```
.background{ background-color: rgb(190,  
157, 46) }
```

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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