

Converting Colors

CIELCh(59, 66.393, 109.846)

Have a look what the booklet for
CIELCh(59, 66.393, 109.846)
contains.

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Color

CIELCh(59, 66.184, 109.991)

Conversions

Conversions Part 1

Format	Color
Hex	859700
RGB	133, 151, 0
RGB Percent	52%, 59%, 0%
CMY	0.4794, 0.4087, 1.0000
CMYK	0.12, 0.00, 1.00, 0.41
HSL	67°, 100%, 30%
HSV	67°, 100%, 59%
XYZ	20.6638, 27.0277, 4.1145
YIQ	128.4040, 37.7430, -50.7770

Conversions

Conversions Part 2

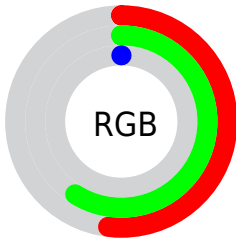
Format	Color
RYB	0, 151, 18
Decimal	8754944
CIELab	59.00, -22.63, 62.20
CIELCh	59, 66.184, 109.991
Yxy	27.0277, 0.3989, 0.5217
Android (android.graphics.Color)	4286945024 (0xFF859700)
YUV	128.4040, -63.3032, 4.0307
Hunter-Lab	51.9882, -20.0310, 31.6994

Details

The CIELCh color **59, 66.184, 109.991** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 89.696, 306.786**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 66.275, 109.787**, and **39, 50.026, 114.604** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.116, 110.007**, and if you desaturate by 10%, it is **59, 63.710, 109.768**.

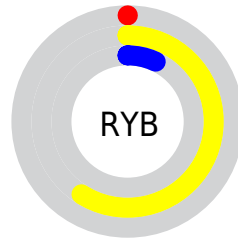
Distribution



Red (52%)

Green (59%)

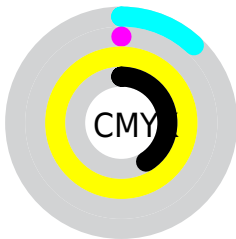
Blue (0%)



Red (0%)

Yellow (59%)

Blue (7%)

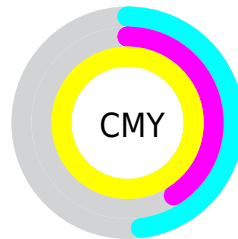


Cyan (12%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (48%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 66.184, 109.991 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 59, 66.184, 109.991 by changing the saturation by 10% instead.


 59, 66.184,
109.991


 59, 66.184,
109.991


 100, 66.184,
109.991


 49, 66.184,
109.991


 79, 66.184,
109.991

 39, 66.184,
109.991

 89, 66.184,
109.991

 29, 66.184,
109.991

 99, 66.184,
109.991

 19, 66.184,
109.991

 9, 66.184, 109.991

 0, 66.184, 109.991

■ 59, 66.184,
109.991

■ 59, 66.184,
109.991

■ 59, 66.116,
110.007

■ 59, 63.710,
109.768

■ 59, 59.989,
109.760

■ 60, 54.730,
110.025

■ 60, 48.296,
110.497

■ 60, 41.051,
111.110

■ 61, 33.276,
111.812

■ 61, 25.171,
112.563

■ 61, 16.868,

113.335

■ 62, 8.456, 114.108

Harmonies

Complementary

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



59, 66.184, 109.991



17, 89.696, 306.786

Rectangle

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



59, 66.184, 109.991



59, 66.184, 159.991



59, 66.184, 289.991



59, 66.184, 339.991

Sweetspot

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



59, 66.116, 110.007



77, 31.203, 112.517



32, 68.408, 41.397



41, 21.394, 112.222



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



59, 66.116, 110.007



75, 80.405, 110.146



55, 76.146, 131.144



32, 4.837, 114.166



55, 62.707, 109.963



3, 5.256, 115.324

Inverse Universe

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



17, 89.696, 306.786



24, 109.202, 306.692



25, 82.146, 315.041



30, 4.938, 295.615



16, 85.038, 306.819



0, 5.252, 294.791

Previews

White Background



This preview shows how the CIELCh color 59, 66.184, 109.991 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 CIE LCh color 59, 66.184, 109.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

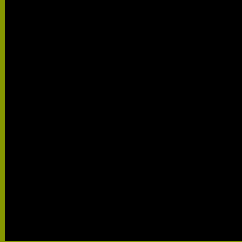
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 66.184, 109.991

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.184, 109.991.



This preview shows how white text looks on a background with the CIELCh color 59, 66.184, 109.991.

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


59, 66.184, 109.991

Protanopia

59, 63.289, 95.139

Deuteranopia

59, 59.346, 82.883



Tritanopia
59, 6.449, 304.535

Trichromacy



Original Color
59, 66.184, 109.991

Protanomaly
59, 63.674, 100.746

Deuteranomaly
59, 60.370, 93.731

Tritanomaly
58, 26.809, 110.739

Monochromacy



Original Color
59, 66.184, 109.991

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 30.894, 111.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.184, 109.991 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(133, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 151, 0)  
}
```

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(133, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.184, 109.991 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(133, 151, 0) }
```

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

```
.border{ border-color:rgb(133, 151, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 151, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.184, 109.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 0) }
```

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

```
.background{ background-color: rgb(133,  
151, 0) }
```

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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