

Converting Colors

CIELCh(60, 65.669, 105.766)

Have a look what the booklet for
CIELCh(60, 65.669, 105.766)
contains.

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Color

CIELCh(60, 65.659, 105.670)

Conversions

Conversions Part 1

Format	Color
Hex	909700
RGB	144, 151, 0
RGB Percent	56%, 59%, 0%
CMY	0.4347, 0.4073, 0.9988
CMYK	0.05, 0.00, 1.00, 0.41
HSL	63°, 100%, 30%
HSV	63°, 100%, 59%
XYZ	22.6199, 28.1233, 4.2449
YIQ	131.6930, 44.2990, -48.4450

Conversions

Conversions Part 2

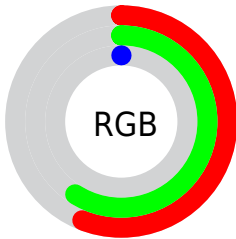
Format	Color
RYB	0, 151, 7
Decimal	9475840
CIELab	60.00, -17.73, 63.22
CIELCh	60, 65.659, 105.670
Yxy	28.1233, 0.4114, 0.5114
Android (android.graphics.Color)	4287665920 (0xFF909700)
YUV	131.6930, -64.9246, 10.7932
Hunter-Lab	53.0314, -16.6680, 32.3762

Details

The CIELCh color **60, 65.659, 105.670** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **17, 90.204, 306.437**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 65.576, 105.780**, and **40, 49.142, 109.187** is the 20% darker color. If you saturate the color by 10%, you get **60, 65.706, 105.671**, and if you desaturate by 10%, it is **60, 63.338, 105.719**.

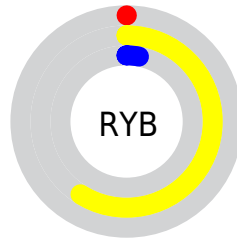
Distribution



Red (56%)

Green (59%)

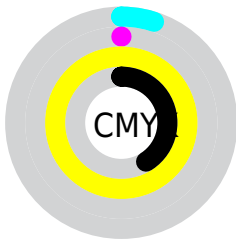
Blue (0%)



Red (0%)

Yellow (59%)

Blue (3%)

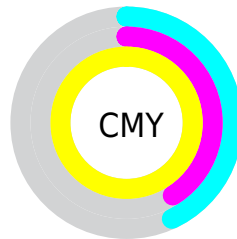


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (43%)


Magenta (41%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 65.659, 105.670 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, 65.659, 105.670 by changing the saturation by 10% instead.


 60, 65.659,
105.670


 60, 65.659,
105.670


 100, 65.659,
105.670


 50, 65.659,
105.670


 80, 65.659,
105.670

 40, 65.659,
105.670

 90, 65.659,
105.670


 30, 65.659,
105.670

 20, 65.659,
105.670

 10, 65.659,
105.670

 0, 65.659, 105.670

 60, 65.659,

 60, 65.659,

105.670

105.670

■ 60, 65.706,
105.671

■ 60, 63.338,
105.719

■ 60, 59.663,
105.950

■ 60, 54.436,
106.396

■ 61, 48.026,
107.009

■ 61, 40.798,
107.741

■ 61, 33.039,
108.550

■ 61, 24.950,
109.404

■ 62, 16.662,
110.278

Harmonies

Complementary

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



60, 65.659, 105.670



17, 90.204, 306.437

Rectangle

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



60, 65.659, 105.670



60, 65.659, 155.670



60, 65.659, 285.670



60, 65.659, 335.670

Sweetspot

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



60, 65.659, 105.672



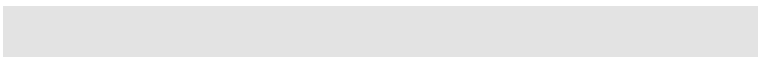
78, 31.080, 109.334



31, 69.680, 39.923



41, 21.308, 109.000



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 65.659, 105.672



76, 79.740, 105.727



56, 74.365, 128.835



32, 4.819, 111.200



56, 62.213, 105.653



3, 5.234, 112.230

Inverse Universe

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



17, 90.204, 306.437



24, 109.690, 306.414



24, 83.639, 312.866



30, 4.922, 292.859



15, 85.498, 306.478



0, 5.234, 291.972

Previews

White Background



This preview shows how the CIELCh color 60, 65.659, 105.670 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 60, 65.659, 105.670 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, 65.659, 105.670

Background



This preview shows how black text looks on a background with the CIELCh color 60, 65.659, 105.670.



This preview shows how white text looks on a background with the CIELCh color 60, 65.659, 105.670.

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, 65.659, 105.670

Protanopia

60, 64.236, 95.283

Deuteranopia

60, 60.742, 82.859



Tritanopia
60, 8.949, 331.087

Trichromacy



Original Color
60, 65.659, 105.670

Protanomaly
60, 64.412, 99.106

Deuteranomaly
60, 61.598, 91.642

Tritanomaly
59, 26.384, 100.495

Monochromacy



Original Color
60, 65.659, 105.670

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 30.704, 108.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 65.659, 105.670 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(144, 151, 0)` looks like.

```
.text, #text, p{  
    color:rgb(144, 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(144, 151, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 151, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 65.659, 105.670 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(144, 151, 0) }
```

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

```
.border{ border-color:rgb(144, 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(144, 151, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 151, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 151, 0);  
box-shadow:4px 4px 4px 4px rgb(144, 151,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 65.659, 105.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 151, 0) }
```

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

```
.background{ background-color: rgb(144,  
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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