

Converting Colors

CIELCh(59, 67.755, 114.119)

Have a look what the booklet for
CIELCh(59, 67.755, 114.119)
contains.

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Color

CIELCh(59, 67.715, 113.976)

Conversions

Conversions Part 1

Format	Color
Hex	7C9900
RGB	124, 153, 0
RGB Percent	49%, 60%, 0%
CMY	0.5141, 0.4004, 1.0000
CMYK	0.19, 0.00, 1.00, 0.40
HSL	71°, 100%, 30%
HSV	71°, 100%, 60%
XYZ	19.6718, 27.0277, 4.1743
YIQ	126.8870, 31.8290, -53.7310

Conversions

Conversions Part 2

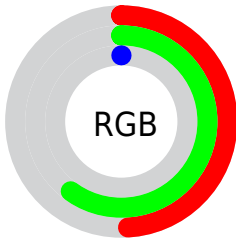
Format	Color
RYB	0, 153, 29
Decimal	8165632
CIELab	59.00, -27.52, 61.87
CIELCh	59, 67.715, 113.976
Yxy	27.0277, 0.3867, 0.5313
Android (android.graphics.Color)	4286355712 (0xFF7C9900)
YUV	126.8870, -62.5553, -2.5319
Hunter-Lab	51.9882, -23.4367, 31.6311

Details

The CIELCh color **59, 67.715, 113.976** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **18, 89.959, 307.270**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 67.401, 113.985**, and **39, 52.106, 119.720** is the 20% darker color. If you saturate the color by 10%, you get **59, 67.687, 113.985**, and if you desaturate by 10%, it is **59, 65.137, 113.502**.

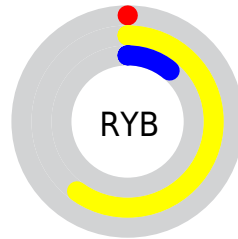
Distribution



Red (49%)

Green (60%)

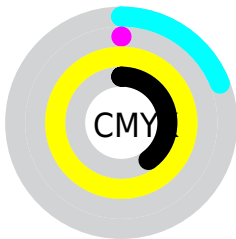
Blue (0%)



Red (0%)

Yellow (60%)

Blue (11%)

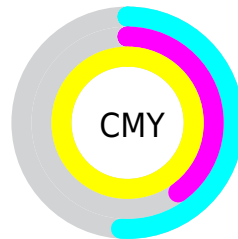


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (51%)


Magenta (40%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 67.715, 113.976 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, 67.715, 113.976 by changing the saturation by 10% instead.


 59, 67.715,
113.976


 59, 67.715,
113.976


 100, 67.715,
113.976


 49, 67.715,
113.976


 79, 67.715,
113.976


 39, 67.715,
113.976


 89, 67.715,
113.976

 29, 67.715,
113.976

 99, 67.715,
113.976

 19, 67.715,
113.976

 9, 67.715, 113.976

 0, 67.715, 113.976

■ 59, 67.715,
113.976

■ 59, 67.715,
113.976

■ 59, 67.687,
113.985

■ 59, 65.137,
113.502

■ 59, 61.259,
113.294

■ 60, 55.838,
113.410

■ 60, 49.243,
113.764

■ 61, 41.835,
114.278

■ 61, 33.899,
114.890

■ 61, 25.633,
115.554

■ 62, 17.173,

116.240

■ 63, 8.605, 116.926

Harmonies

Complementary

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



59, 67.715, 113.976



18, 89.959, 307.270

Rectangle

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



59, 67.715, 113.976



59, 67.715, 163.976



59, 67.715, 293.976



59, 67.715, 343.976

Sweetspot

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



59, 67.687, 113.985



78, 31.748, 115.514



33, 67.706, 43.199



41, 21.544, 115.255



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, 67.687, 113.985



75, 82.304, 114.190



55, 78.279, 132.640



32, 4.866, 116.979



54, 63.530, 113.907



3, 5.289, 118.118

Inverse Universe

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



18, 89.959, 307.270



25, 109.503, 307.141



27, 81.930, 316.985



30, 4.964, 298.248



16, 84.395, 307.322



0, 5.281, 297.472

Previews

White Background



This preview shows how the CIELCh color 59, 67.715, 113.976 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 59, 67.715, 113.976 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, 67.715, 113.976

Background



This preview shows how black text looks on a background with the CIELCh color 59, 67.715, 113.976.



This preview shows how white text looks on a background with the CIELCh color 59, 67.715, 113.976.

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, 67.715, 113.976

Protanopia
59, 63.289, 95.139

Deuteranopia
59, 58.920, 82.261



Tritanopia
59, 6.474, 274.109

Trichromacy



Original Color
59, 67.715, 113.976

Protanomaly
59, 63.956, 102.434

Deuteranomaly
58, 60.123, 95.062

Tritanomaly
58, 27.935, 119.327

Monochromacy



Original Color
59, 67.715, 113.976

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 31.111, 114.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 67.715, 113.976 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(124, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(124, 153, 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(124, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 153, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 67.715, 113.976 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(124, 153, 0) }
```

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

```
.border{ border-color:rgb(124, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(124, 153,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 67.715, 113.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 153, 0) }
```

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

```
.background{ background-color: rgb(124,  
153, 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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