

Converting Colors

CIELCh(59, 78.392, 128.943)

Have a look what the booklet for
CIELCh(59, 78.392, 128.943)
contains.

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Color

CIELCh(59, 78.054, 128.960)

Conversions

Conversions Part 1

Format	Color
Hex	4BA100
RGB	75, 161, 0
RGB Percent	29%, 63%, 0%
CMY	0.7054, 0.3682, 0.9991
CMYK	0.53, 0.00, 1.00, 0.37
HSL	92°, 100%, 32%
HSV	92°, 100%, 63%
XYZ	15.6754, 27.0277, 4.3970
YIQ	116.9320, 0.4250, -68.3030

Conversions

Conversions Part 2

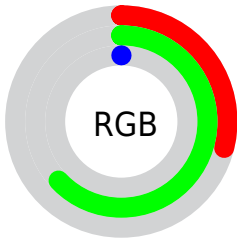
Format	Color
RYB	0, 161, 86
Decimal	4956416
CIELab	59.00, -49.08, 60.69
CIELCh	59, 78.054, 128.960
Yxy	27.0277, 0.3328, 0.5738
Android (android.graphics.Color)	4283146496 (0xFF4BA100)
YUV	116.9320, -57.6475, -36.7744
Hunter-Lab	51.9882, -37.1585, 31.3771

Details

The CIELCh color **59, 78.054, 128.960** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 87.707, 312.834**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 78.339, 128.956**, and **39, 63.636, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.103, 128.972**, and if you desaturate by 10%, it is **59, 74.573, 128.113**.

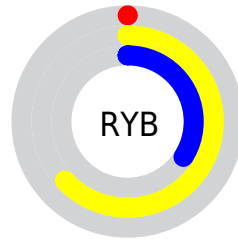
Distribution



Red (29%)

Green (63%)

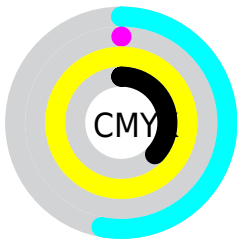
Blue (0%)



Red (0%)

Yellow (63%)

Blue (34%)

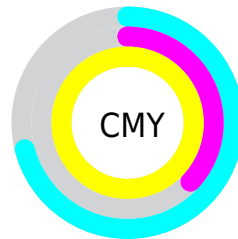


Cyan (53%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (71%)


Magenta (37%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 78.054, 128.960 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, 78.054, 128.960 by changing the saturation by 10% instead.


 59, 78.054,
128.960


 59, 78.054,
128.960


 100, 78.054,
128.960


 49, 78.054,
128.960


 79, 78.054,
128.960

 39, 78.054,
128.960

 89, 78.054,
128.960

 29, 78.054,
128.960

 99, 78.054,
128.960

 19, 78.054,
128.960

 9, 78.054, 128.960

 0, 78.054, 128.960

■ 59, 78.054,
128.960

■ 59, 78.054,
128.960

■ 59, 78.103,
128.972

■ 59, 74.573,
128.113

■ 60, 69.646,
127.597

■ 60, 63.138,
127.488

■ 61, 55.433,
127.664

■ 62, 46.908,
128.014

■ 62, 37.860,
128.452

■ 63, 28.503,
128.926

■ 64, 18.984,

129.401

■ 65, 9.410, 129.860

Harmonies

Complementary

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



59, 78.054, 128.960



25, 87.707, 312.834

Rectangle

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



59, 78.054, 128.960



59, 78.054, 178.960



59, 78.054, 308.960



59, 78.054, 358.960

Sweetspot

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



59, 78.054, 128.961



80, 35.408, 128.892



45, 59.556, 63.852



42, 24.069, 128.704



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 78.054, 128.961



75, 95.094, 129.274



58, 84.273, 136.341



34, 5.458, 129.886



54, 72.324, 128.831



4, 8.590, 131.758

Inverse Universe

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



25, 87.707, 312.834



34, 106.732, 312.618



38, 79.859, 329.585



32, 5.526, 310.648



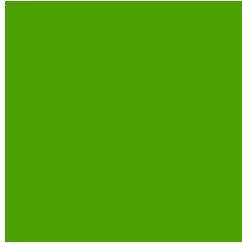
23, 81.323, 312.927



1, 8.409, 308.512

Previews

White Background



This preview shows how the CIELCh color 59, 78.054, 128.960 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, 78.054, 128.960 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, 78.054, 128.960

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.054, 128.960.



This preview shows how white text looks on a background with the CIELCh color 59, 78.054, 128.960.

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, 78.054, 128.960

Protanopia

59, 63.220, 95.564

Deuteranopia

59, 56.872, 82.250



Tritanopia
59, 18.369, 219.888

Trichromacy



Original Color
59, 78.054, 128.960

Protanomaly
58, 65.772, 111.234

Deuteranomaly
58, 59.611, 104.598

Tritanomaly
58, 37.929, 147.263

Monochromacy



Original Color
59, 78.054, 128.960

Achromatopsia
49, 0.007, 296.813

Achromatomaly
52, 35.333, 128.312

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.054, 128.960 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(75, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(75, 161, 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(75, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 161, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.054, 128.960 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(75, 161, 0) }
```

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

```
.border{ border-color:rgb(75, 161, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(75, 161, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.054, 128.960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 161, 0) }
```

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

```
.background{ background-color: rgb(75, 161,  
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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