

Converting Colors

CIELCh(59, 77.585, 127.921)

Have a look what the booklet for
CIELCh(59, 77.585, 127.921)
contains.

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Color

CIELCh(59, 77.446, 128.178)

Conversions

Conversions Part 1

Format	Color
Hex	4FA100
RGB	79, 161, 0
RGB Percent	31%, 63%, 0%
CMY	0.6915, 0.3698, 1.0000
CMYK	0.51, 0.00, 1.00, 0.37
HSL	91°, 100%, 32%
HSV	91°, 100%, 63%
XYZ	15.8836, 27.0277, 4.3613
YIQ	118.1280, 2.8090, -67.4550

Conversions

Conversions Part 2

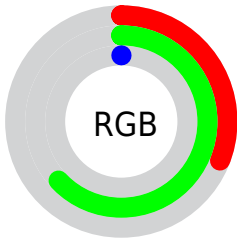
Format	Color
RYB	0, 161, 82
Decimal	5218560
CIELab	59.00, -47.87, 60.88
CIELCh	59, 77.446, 128.178
Yxy	27.0277, 0.3360, 0.5717
Android (android.graphics.Color)	4283408640 (0xFF4FA100)
YUV	118.1280, -58.2371, -34.3153
Hunter-Lab	51.9882, -36.4436, 31.4179

Details

The CIELCh color **59, 77.446, 128.178** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 88.051, 312.258**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 77.867, 128.295**, and **39, 63.446, 135.799** is the 20% darker color. If you saturate the color by 10%, you get **59, 77.364, 128.213**, and if you desaturate by 10%, it is **59, 73.936, 127.341**.

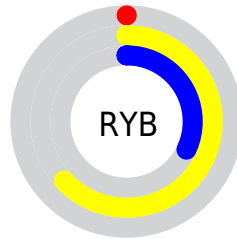
Distribution



Red (31%)

Green (63%)

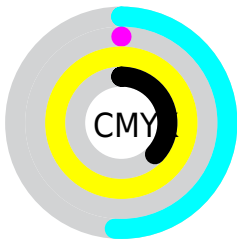
Blue (0%)



Red (0%)

Yellow (63%)

Blue (32%)

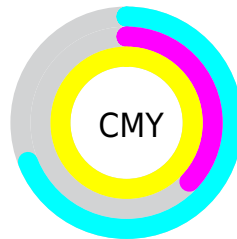


Cyan (51%)

Magenta (0%)

Yellow (100%)

Black (37%)



Cyan (69%)

Magenta (37%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.446, 128.178 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, 77.446, 128.178 by changing the saturation by 10% instead.

 59, 77.446,
128.178


 59, 77.446,
128.178

 100, 77.446,
128.178

 49, 77.446,
128.178


 79, 77.446,
128.178

 39, 77.446,
128.178

 89, 77.446,
128.178

 29, 77.446,
128.178

 99, 77.446,
128.178

 19, 77.446,
128.178

 9, 77.446, 128.178

 0, 77.446, 128.178

■ 59, 77.446,
128.178

■ 59, 77.446,
128.178

■ 59, 77.364,
128.213

■ 59, 73.936,
127.341

■ 60, 69.092,
126.801

■ 60, 62.673,
126.672

■ 61, 55.060,
126.832

■ 62, 46.627,
127.170

■ 62, 37.670,
127.603

■ 63, 28.402,
128.075

■ 64, 18.969,

128.551

■ 65, 9.475, 129.015

Harmonies

Complementary

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



59, 77.446, 128.178



25, 88.051, 312.258

Rectangle

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



59, 77.446, 128.178



59, 77.446, 178.178



59, 77.446, 308.178



59, 77.446, 358.178

Sweetspot

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



59, 77.364, 128.213



80, 35.187, 128.048



43, 60.224, 61.024



42, 23.917, 127.860



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, 77.364, 128.213



75, 94.371, 128.522



57, 84.804, 136.016



34, 5.427, 129.048



54, 71.782, 128.074



4, 8.545, 131.020

Inverse Universe

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



25, 88.051, 312.258



33, 107.291, 312.045



38, 81.822, 328.233



32, 5.498, 309.824



22, 81.738, 312.354



1, 8.371, 307.743

Previews

White Background



This preview shows how the CIELCh color 59, 77.446, 128.178 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, 77.446, 128.178 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, 77.446, 128.178

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.446, 128.178.



This preview shows how white text looks on a background with the CIELCh color 59, 77.446, 128.178.

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, 77.446, 128.178

Protanopia
59, 63.220, 95.564

Deuteranopia
59, 56.872, 82.250



Tritanopia
59, 17.312, 221.405

Trichromacy



Original Color
59, 77.446, 128.178

Protanomaly
58, 65.624, 110.464

Deuteranomaly
58, 59.601, 104.153

Tritanomaly
58, 37.079, 145.804

Monochromacy



Original Color
59, 77.446, 128.178

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 35.628, 127.381

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.446, 128.178 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(79, 161, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 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(79, 161, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 161, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.446, 128.178 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(79, 161, 0) }
```

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

```
.border{ border-color:rgb(79, 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(79, 161, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 161, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 161, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 161, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.446, 128.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 161, 0) }
```

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

```
.background{ background-color: rgb(79, 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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