

Converting Colors

CIELCh(59, 66.769, 126.665)

Have a look what the booklet for
CIELCh(59, 66.769, 126.665)
contains.

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Color

CIELCh(59, 66.805, 126.521)

Conversions

Conversions Part 1

Format	Color
Hex	609E23
RGB	96, 158, 35
RGB Percent	38%, 62%, 14%
CMY	0.6239, 0.3807, 0.8631
CMYK	0.39, 0.00, 0.78, 0.38
HSL	90°, 64%, 38%
HSV	90°, 78%, 62%
XYZ	17.3291, 27.0277, 5.8862
YIQ	125.4400, 2.5310, -51.3970

Conversions

Conversions Part 2

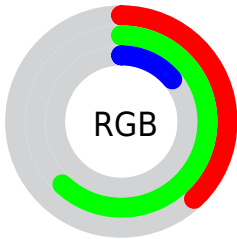
Format	Color
R_{YB}	35, 158, 97
Decimal	6331939
CIE _{Lab}	59.00, -39.76, 53.69
CIE _{LCh}	59, 66.805, 126.521
Yxy	27.0277, 0.3449, 0.5379
Android (android.graphics.Color)	4284522019 (0xFF609E23)
YUV	125.4400, -44.5869, -25.8189
Hunter-Lab	51.9882, -31.4805, 29.6788

Details

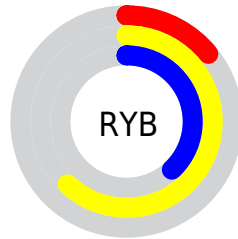
The CIELCh color **59, 66.805, 126.521** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **30, 74.848, 312.662**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 66.679, 126.636**, and **39, 58.829, 130.752** is the 20% darker color. If you saturate the color by 10%, you get **59, 71.938, 126.965**, and if you desaturate by 10%, it is **60, 60.198, 126.464**.

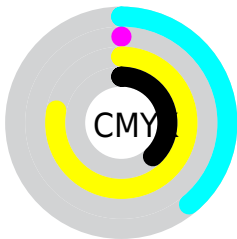
Distribution



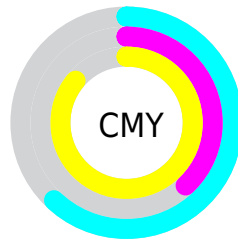
- Red (38%)
- Green (62%)
- Blue (14%)



- Red (14%)
- Yellow (62%)
- Blue (38%)



- Cyan (39%)
- Magenta (0%)
- Yellow (78%)
- Black (38%)





- Cyan (62%)
- Magenta (38%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 66.805, 126.521 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, 66.805, 126.521 by changing the saturation by 10% instead.


 59, 66.805,
126.521


 59, 66.805,
126.521


 100, 66.805,
126.521


 49, 66.805,
126.521


 79, 66.805,
126.521

 39, 66.805,
126.521

 89, 66.805,
126.521

 29, 66.805,
126.521

 99, 66.805,
126.521

 19, 66.805,
126.521

 9, 66.805, 126.521

 0, 66.805, 126.521

■ 59, 66.805,
126.521

■ 59, 66.805,
126.521

■ 59, 71.938,
126.965

■ 60, 60.198,
126.464

■ 58, 75.508,
127.812

■ 60, 52.502,
126.669

■ 58, 76.207,
127.981

■ 61, 44.071,
127.032

■ 62, 35.176,
127.476

■ 62, 26.010,
127.950

■ 63, 16.706,
128.425

■ 64, 7.358, 128.887

■ 65, 1.968, 309.246

■ 66, 11.225,
309.679

Harmonies

Complementary

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



59, 66.805, 126.521



30, 74.848, 312.662

Rectangle

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



59, 66.805, 126.521



59, 66.805, 176.521



59, 66.805, 306.521



59, 66.805, 356.521

Sweetspot

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



59, 66.805, 126.522



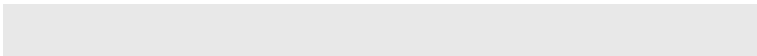
80, 26.712, 128.163



47, 47.967, 65.505



42, 18.624, 127.999



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, 66.805, 126.522



75, 90.907, 127.548



57, 75.479, 137.453



33, 5.278, 128.825



53, 70.700, 127.839



4, 6.952, 130.097

Inverse Universe

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



30, 74.848, 312.662



34, 103.440, 312.318



39, 73.781, 327.933



31, 5.347, 309.602



21, 80.786, 312.224



1, 6.875, 308.297

Previews

White Background



This preview shows how the CIELCh color 59, 66.805, 126.521 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, 66.805, 126.521 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, 66.805, 126.521

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.805, 126.521.



This preview shows how white text looks on a background with the CIELCh color 59, 66.805, 126.521.

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, 66.805, 126.521

Protanopia

59, 56.690, 95.510

Deuteranopia

59, 51.895, 81.411



Tritanopia
59, 13.494, 228.939

Trichromacy



Original Color
59, 66.805, 126.521

Protanomaly
59, 58.276, 108.968

Deuteranomaly
58, 52.578, 101.495

Tritanomaly
58, 27.205, 147.056

Monochromacy



Original Color
59, 66.805, 126.521

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 27.276, 127.983

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.805, 126.521 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(96, 158, 35)` looks like.

```
.text, #text, p{  
    color:rgb(96, 158, 35)  
}
```

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(96, 158, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 158, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.805, 126.521 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(96, 158, 35) }
```

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

```
.border{ border-color:rgb(96, 158, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 158, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 158, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 158, 35);  
box-shadow:4px 4px 4px 4px rgb(96, 158,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.805, 126.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 158, 35) }
```

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

```
.background{ background-color: rgb(96, 158,  
35) }
```

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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