

Converting Colors

CIELCh(59, 65.303, 129.860)

Have a look what the booklet for
CIELCh(59, 65.303, 129.860)
contains.

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Color

CIELCh(59, 65.268, 129.979)

Conversions

Conversions Part 1

Format	Color
Hex	599F2D
RGB	89, 159, 45
RGB Percent	35%, 62%, 18%
CMY	0.6518, 0.3773, 0.8243
CMYK	0.44, 0.00, 0.72, 0.38
HSL	97°, 56%, 40%
HSV	97°, 72%, 62%
XYZ	16.9327, 27.0277, 6.7864
YIQ	125.0740, -5.1260, -50.2940

Conversions

Conversions Part 2

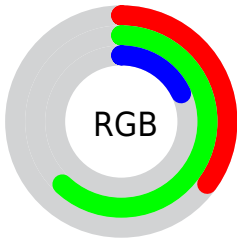
Format	Color
RYB	45, 159, 115
Decimal	5873453
CIELab	59.00, -41.94, 50.01
CIElCh	59, 65.268, 129.979
Yxy	27.0277, 0.3337, 0.5326
Android (android.graphics.Color)	4284063533 (0xFF599F2D)
YUV	125.0740, -39.4765, -31.6369
Hunter-Lab	51.9882, -32.8415, 28.6522

Details

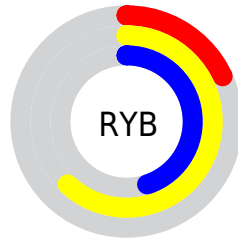
The CIELCh color **59, 65.268, 129.979** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **34, 69.969, 315.683**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 65.048, 130.079**, and **39, 60.682, 132.859** is the 20% darker color. If you saturate the color by 10%, you get **58, 71.595, 130.066**, and if you desaturate by 10%, it is **60, 57.658, 130.185**.

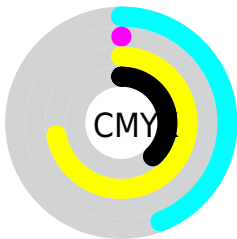
Distribution



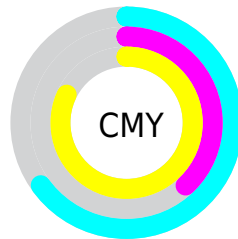
- Red (35%)
- Green (62%)
- Blue (18%)



- Red (18%)
- Yellow (62%)
- Blue (45%)



- Cyan (44%)
- Magenta (0%)
- Yellow (72%)
- Black (38%)





- Cyan (65%)
- Magenta (38%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 65.268, 129.979 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, 65.268, 129.979 by changing the saturation by 10% instead.


 59, 65.268,
129.979


 59, 65.268,
129.979


 100, 65.268,
129.979


 49, 65.268,
129.979


 79, 65.268,
129.979

 39, 65.268,
129.979

 89, 65.268,
129.979

 29, 65.268,
129.979

 99, 65.268,
129.979

 19, 65.268,
129.979

 9, 65.268, 129.979

 0, 65.268, 129.979

■ 59, 65.268,
129.979

■ 59, 65.268,
129.979

■ 58, 71.595,
130.066

■ 60, 57.658,
130.185

■ 58, 76.265,
130.559

■ 60, 49.153,
130.564

■ 58, 79.098,
131.146

■ 61, 40.069,
131.030

■ 62, 30.640,
131.523

■ 63, 21.031,
132.010

■ 64, 11.360,
132.472

■ 65, 1.711, 132.957

■ 66, 7.855, 313.244

■ 68, 17.298,
313.592

Harmonies

Complementary

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



59, 65.268, 129.979



34, 69.969, 315.683

Rectangle

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



59, 65.268, 129.979



59, 65.268, 179.979



59, 65.268, 309.979



59, 65.268, 359.979

Sweetspot

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



59, 65.268, 129.980



80, 26.304, 131.979



51, 45.007, 75.596



42, 17.813, 131.858



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, 65.268, 129.980



74, 90.614, 130.299



58, 67.927, 140.369



33, 5.424, 132.586



52, 73.071, 131.009



4, 7.130, 133.608

Inverse Universe

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



34, 69.969, 315.683



39, 97.784, 315.511



40, 65.964, 331.262



31, 5.479, 313.315



24, 78.960, 315.021



1, 7.040, 311.893

Previews

White Background



This preview shows how the CIE LCh color 59, 65.268, 129.979 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, 65.268, 129.979 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, 65.268, 129.979

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.268, 129.979.



This preview shows how white text looks on a background with the CIELCh color 59, 65.268, 129.979.

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, 65.268, 129.979

Protanopia

59, 53.494, 95.926

Deuteranopia

59, 48.336, 80.804



Tritanopia
59, 15.418, 224.644

Trichromacy



Original Color
59, 65.268, 129.979

Protanomaly
58, 54.989, 111.052

Deuteranomaly
58, 48.810, 103.904

Tritanomaly
58, 27.840, 153.352

Monochromacy



Original Color
59, 65.268, 129.979

Achromatopsia
52, 0.007, 296.813

Achromatomaly
54, 25.550, 131.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.268, 129.979 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(89, 159, 45)` looks like.

```
.text, #text, p{  
    color:rgb(89, 159, 45)  
}
```

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(89, 159, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 159, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.268, 129.979 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(89, 159, 45) }
```

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

```
.border{ border-color:rgb(89, 159, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 159, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 159, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 159, 45);  
box-shadow:4px 4px 4px 4px rgb(89, 159,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.268, 129.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 159, 45) }
```

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

```
.background{ background-color: rgb(89, 159,  
45) }
```

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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