

Converting Colors

CIELCh(59, 84.581, 136.808)

Have a look what the booklet for
CIELCh(59, 84.581, 136.808)
contains.

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Color

CIELCh(59, 84.549, 136.805)

Conversions

Conversions Part 1

Format	Color
Hex	04A50F
RGB	4, 165, 15
RGB Percent	2%, 65%, 6%
CMY	0.9857, 0.3523, 0.9400
CMYK	0.98, 0.00, 0.91, 0.35
HSL	124°, 96%, 33%
HSV	124°, 98%, 65%
XYZ	13.6184, 27.0277, 4.9620
YIQ	99.7610, -47.8060, -80.7820

Conversions

Conversions Part 2

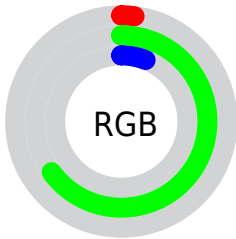
Format	Color
RYB	4, 155, 165
Decimal	304399
CIELab	59.00, -61.64, 57.87
CIELCh	59, 84.549, 136.805
Yxy	27.0277, 0.2986, 0.5926
Android (android.graphics.Color)	4278494479 (0xFF04A50F)
YUV	99.7610, -41.7872, -83.9824
Hunter-Lab	51.9882, -44.2209, 30.7328

Details

The CIELCh color **59, 84.549, 136.805** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **39, 78.569, 331.225**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 84.391, 136.771**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.138, 136.686**, and if you desaturate by 10%, it is **59, 80.895, 137.719**.

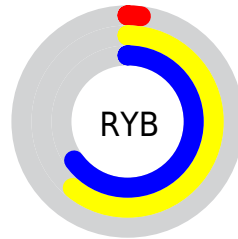
Distribution



Red (2%)

Green (65%)

Blue (6%)



Red (2%)

Yellow (61%)

Blue (65%)

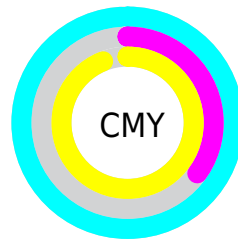


Cyan (98%)

Magenta (0%)

Yellow (91%)

Black (35%)



Cyan (99%)


Magenta (35%)


Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.549, 136.805 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, 84.549, 136.805 by changing the saturation by 10% instead.


 59, 84.549,
136.805


 59, 84.549,
136.805


 100, 84.549,
136.805

 49, 84.549,
136.805


 79, 84.549,
136.805

 39, 84.549,
136.805

 89, 84.549,
136.805

 29, 84.549,
136.805

 99, 84.549,
136.805

 19, 84.549,
136.805

 9, 84.549, 136.805

 0, 84.549, 136.805

■ 59, 84.549,
136.805

■ 59, 84.549,
136.805

■ 59, 85.138,
136.686

■ 59, 80.895,
137.719

■ 59, 75.382,
138.893

■ 60, 68.226,
140.161

■ 61, 59.762,
141.414

■ 61, 50.324,
142.579

■ 62, 40.215,
143.623

■ 64, 29.699,
144.537

■ 65, 18.994,

145.328

■ 67, 8.273, 146.017

Harmonies

Complementary

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



59, 84.549, 136.805



39, 78.569, 331.225

Rectangle

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



59, 84.549, 136.805



59, 84.549, 186.805



59, 84.549, 316.805



59, 84.549, 6.805

Sweetspot

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



59, 84.549, 136.806



80, 38.282, 144.387



65, 69.760, 106.903



42, 26.185, 144.024



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 84.549, 136.806



75, 103.713, 136.527



60, 58.850, 153.427



34, 5.955, 145.921



52, 77.326, 136.789



4, 9.278, 146.249

Inverse Universe

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



39, 78.569, 331.225



50, 95.691, 331.361



35, 60.563, 7.026



32, 5.966, 326.935



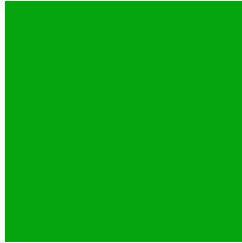
34, 71.915, 331.266



2, 9.095, 327.095

Previews

White Background



This preview shows how the CIELCh color 59, 84.549, 136.805 looks on a white background.

Color Contrast Check

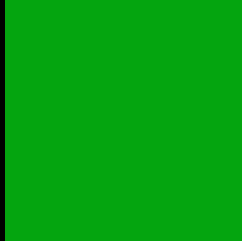
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.549, 136.805 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, 84.549, 136.805

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.549, 136.805.

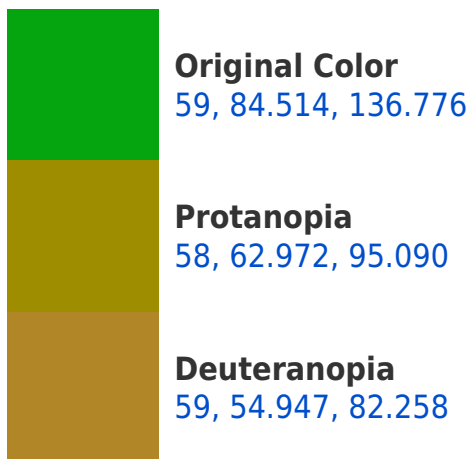


This preview shows how white text looks on a background with the CIELCh color 59, 84.549, 136.805.

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





Tritanopia
59, 26.024, 212.596

Trichromacy



Original Color
59, 84.514, 136.776



Protanomaly
57, 68.101, 120.581



Deuteranomaly
56, 59.362, 117.087



Tritanomaly
58, 45.469, 159.816

Monochromacy



Original Color
59, 84.514, 136.776



Achromatopsia
42, 0.006, 296.813



Achromatomaly
47, 39.825, 142.615

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.549, 136.805 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(4, 165, 15)` looks like.

```
.text, #text, p{  
    color:rgb(4, 165, 15)  
}
```

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(4, 165, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 165, 15) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.549, 136.805 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(4, 165, 15) }
```

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

```
.border{ border-color:rgb(4, 165, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 165, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 165, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 165, 15);  
box-shadow:4px 4px 4px 4px rgb(4, 165, 15)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.549, 136.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 165, 15) }
```

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

```
.background{ background-color: rgb(4, 165,  
15) }
```

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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