

Converting Colors

CIELCh(59, 85.952, 136.401)

Have a look what the booklet for
CIELCh(59, 85.952, 136.401)
contains.

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Color

CIELCh(59, 85.764, 136.354)

Conversions

Conversions Part 1

Format	Color
Hex	01A507
RGB	1, 165, 7
RGB Percent	0%, 65%, 3%
CMY	0.9958, 0.3519, 0.9741
CMYK	0.99, 0.00, 0.96, 0.35
HSL	122°, 99%, 33%
HSV	122°, 99%, 65%
XYZ	13.5527, 27.0277, 4.6916
YIQ	97.9520, -47.0260, -83.9060

Conversions

Conversions Part 2

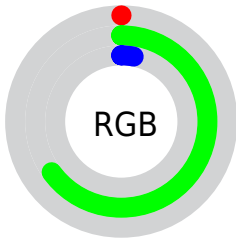
Format	Color
RYB	1, 159, 165
Decimal	107783
CIELab	59.00, -62.06, 59.19
CIELCh	59, 85.764, 136.354
Yxy	27.0277, 0.2994, 0.5970
Android (android.graphics.Color)	4278297863 (0xFF01A507)
YUV	97.9520, -44.8393, -85.0269
Hunter-Lab	51.9882, -44.4467, 31.0412

Details

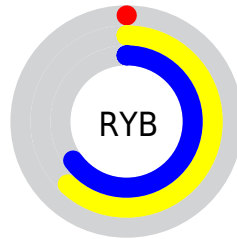
The CIELCh color **59, 85.764, 136.354** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **39, 81.255, 329.591**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 85.408, 136.319**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.921, 136.328**, and if you desaturate by 10%, it is **59, 82.819, 136.957**.

Distribution



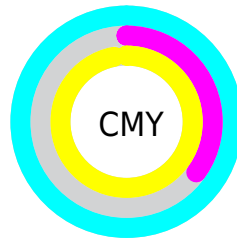
- Red (0%)
- Green (65%)
- Blue (3%)



- Red (0%)
- Yellow (62%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (96%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 85.764, 136.354 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, 85.764, 136.354 by changing the saturation by 10% instead.


 59, 85.764,
136.354


 59, 85.764,
136.354


 100, 85.764,
136.354


 49, 85.764,
136.354


 79, 85.764,
136.354

 39, 85.764,
136.354

 89, 85.764,
136.354

 29, 85.764,
136.354

 99, 85.764,
136.354

 19, 85.764,
136.354

 9, 85.764, 136.354

 0, 85.764, 136.354

■ 59, 85.764,
136.354

■ 59, 85.764,
136.354

■ 59, 85.921,
136.328

■ 59, 82.819,
136.957

■ 59, 77.880,
137.911

■ 60, 71.049,
139.047

■ 60, 62.699,
140.233

■ 61, 53.219,
141.375

■ 62, 42.959,
142.416

■ 63, 32.218,
143.337

■ 65, 21.239,

144.136

■ 66, 10.215,
144.828

Harmonies

Complementary

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



59, 85.764, 136.354



39, 81.255, 329.591

Rectangle

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



59, 85.764, 136.354



59, 85.764, 186.354



59, 85.764, 316.354



59, 85.764, 6.354

Sweetspot

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



59, 85.763, 136.355



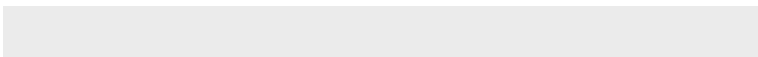
80, 40.654, 143.233



65, 69.971, 104.901



42, 27.640, 142.875



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, 85.763, 136.355



75, 104.432, 136.243



60, 61.639, 151.225



34, 6.116, 144.834



52, 78.097, 136.380



4, 9.504, 145.265

Inverse Universe

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



39, 81.255, 329.591



50, 98.658, 329.630



35, 60.944, 4.512



32, 6.126, 325.833



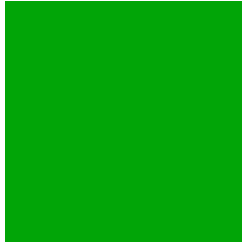
34, 74.081, 329.589



2, 9.413, 325.654

Previews

White Background



This preview shows how the CIELCh color 59, 85.764, 136.354 looks on a white background.

Color Contrast Check

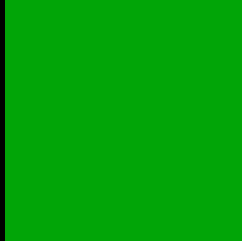
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.764, 136.354 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

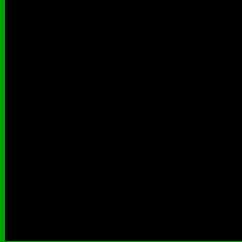
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 85.764, 136.354

Background



This preview shows how black text looks on a background with the CIELCh color 59, 85.764, 136.354.



This preview shows how white text looks on a background with the CIELCh color 59, 85.764, 136.354.

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, 85.613, 136.381

Protanopia
58, 62.972, 95.090

Deuteranopia
59, 55.656, 82.437



Tritanopia
59, 26.024, 212.596

Trichromacy



Original Color
59, 85.613, 136.381



Protanomaly
57, 68.822, 120.692



Deuteranomaly
56, 60.901, 117.024



Tritanomaly
58, 46.792, 158.382

Monochromacy



Original Color
59, 85.613, 136.381



Achromatopsia
42, 0.006, 296.813



Achromatomaly
46, 40.819, 141.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 85.764, 136.354 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(1, 165, 7)` looks like.

```
.text, #text, p{  
    color:rgb(1, 165, 7)  
}
```

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(1, 165, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 165, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 85.764, 136.354 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(1, 165, 7) }
```

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

```
.border{ border-color:rgb(1, 165, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 165, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 165, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 165, 7); box-shadow:4px  
4px 4px 4px rgb(1, 165, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 85.764, 136.354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 165, 7) }
```

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

```
.background{ background-color: rgb(1, 165,  
7) }
```

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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