

Converting Colors

CIELCh(59, 84.926, 136.897)

Have a look what the booklet for
CIELCh(59, 84.926, 136.897)
contains.

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Color

CIELCh(59, 84.795, 136.822)

Conversions

Conversions Part 1

Format	Color
Hex	01A50E
RGB	1, 165, 14
RGB Percent	0%, 65%, 5%
CMY	0.9965, 0.3521, 0.9435
CMYK	0.99, 0.00, 0.91, 0.35
HSL	125°, 99%, 33%
HSV	125°, 99%, 65%
XYZ	13.5878, 27.0277, 4.9308
YIQ	98.7500, -49.2730, -81.7290

Conversions

Conversions Part 2

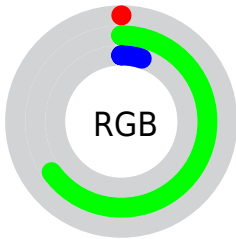
Format	Color
RYB	1, 153, 165
Decimal	107790
CIELab	59.00, -61.84, 58.02
CIELCh	59, 84.795, 136.822
Yxy	27.0277, 0.2983, 0.5934
Android (android.graphics.Color)	4278297870 (0xFF01A50E)
YUV	98.7500, -41.7818, -85.7267
Hunter-Lab	51.9882, -44.3262, 30.7684

Details

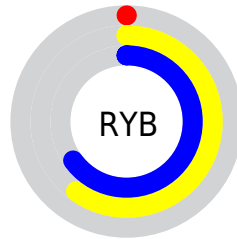
The CIELCh color **59, 84.795, 136.822** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **38, 78.245, 331.753**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 84.537, 136.903**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 84.939, 136.793**, and if you desaturate by 10%, it is **59, 81.312, 137.716**.

Distribution



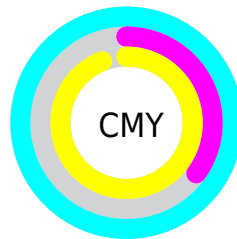
- Red (0%)
- Green (65%)
- Blue (5%)



- Red (0%)
- Yellow (60%)
- Blue (65%)



- Cyan (99%)
- Magenta (0%)
- Yellow (91%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 84.795, 136.822 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, 84.795, 136.822 by changing the saturation by 10% instead.


 59, 84.795,
136.822

 59, 84.795,
136.822


 100, 84.795,
136.822

 49, 84.795,
136.822

 79, 84.795,
136.822

 39, 84.795,
136.822

 89, 84.795,
136.822

 29, 84.795,
136.822

 99, 84.795,
136.822

 19, 84.795,
136.822

 9, 84.795, 136.822

 0, 84.795, 136.822

■ 59, 84.795,
136.822

■ 59, 84.795,
136.822

■ 59, 84.939,
136.793

■ 59, 81.312,
137.716

■ 59, 76.036,
138.909

■ 60, 69.115,
140.201

■ 61, 60.866,
141.480

■ 61, 51.614,
142.673

■ 62, 41.658,
143.745

■ 63, 31.262,
144.684

■ 65, 20.648,

145.498

■ 66, 9.992, 146.204

Harmonies

Complementary

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



59, 84.795, 136.822



38, 78.245, 331.753

Rectangle

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



59, 84.795, 136.822



59, 84.795, 186.822



59, 84.795, 316.822



59, 84.795, 6.822

Sweetspot

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



59, 84.795, 136.823



80, 39.311, 144.589



65, 70.144, 106.916



42, 26.730, 144.224



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, 84.795, 136.823



75, 103.476, 136.622



60, 59.457, 153.077



34, 5.913, 146.218



52, 77.111, 136.904



4, 9.219, 146.517

Inverse Universe

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



38, 78.245, 331.753



50, 94.921, 331.845



35, 60.916, 7.744



32, 5.924, 327.237



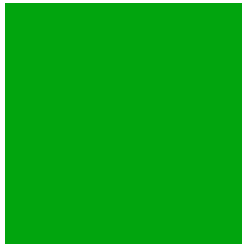
33, 71.353, 331.733



1, 9.013, 327.486

Previews

White Background



This preview shows how the CIELCh color 59, 84.795, 136.822 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, 84.795, 136.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

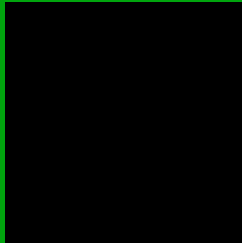
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 84.795, 136.822

Background



This preview shows how black text looks on a background with the CIELCh color 59, 84.795, 136.822.



This preview shows how white text looks on a background with the CIELCh color 59, 84.795, 136.822.

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, 84.760, 136.793

Protanopia
58, 62.972, 95.090

Deuteranopia
59, 54.947, 82.258



Tritanopia
59, 26.024, 212.596

Trichromacy



Original Color
59, 84.760, 136.793



Protanomaly
57, 68.386, 120.845



Deuteranomaly
56, 59.777, 117.387



Tritanomaly
58, 45.605, 159.923

Monochromacy



Original Color
59, 84.760, 136.793



Achromatopsia
42, 0.006, 296.813



Achromatomaly
46, 40.071, 142.921

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 84.795, 136.822 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, 14)` looks like.

```
.text, #text, p{  
    color:rgb(1, 165, 14)  
}
```

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, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 165, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 84.795, 136.822 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, 14) }
```

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

```
.border{ border-color:rgb(1, 165, 14) }
```

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, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 165, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 165, 14);  
box-shadow:4px 4px 4px 4px rgb(1, 165, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 84.795, 136.822 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, 14) }
```

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

```
.background{ background-color: rgb(1, 165,  
14) }
```

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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