

Converting Colors

CIELCh(59, 83.877, 136.955)

Have a look what the booklet for
CIELCh(59, 83.877, 136.955)
contains.

CIELCh(59, 83.778, 136.999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIElCh(59, 83.778, 136.999)

Conversions

Conversions Part 1

Format	Color
Hex	07A513
RGB	7, 165, 19
RGB Percent	3%, 65%, 7%
CMY	0.9715, 0.3527, 0.9251
CMYK	0.96, 0.00, 0.88, 0.35
HSL	125°, 92%, 34%
HSV	125°, 96%, 65%
XYZ	13.6760, 27.0277, 5.1167
YIQ	101.1140, -47.3020, -78.9020

Conversions

Conversions Part 2

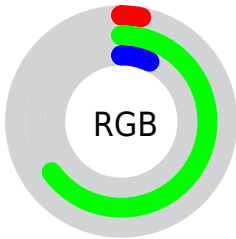
Format	Color
RYB	7, 154, 165
Decimal	501011
CIELab	59.00, -61.27, 57.14
CIElCh	59, 83.778, 136.999
Yxy	27.0277, 0.2985, 0.5899
Android (android.graphics.Color)	4278691091 (0xFF07A513)
YUV	101.1140, -40.4822, -82.5380
Hunter-Lab	51.9882, -44.0232, 30.5564

Details

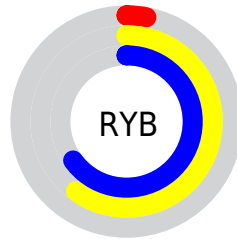
The CIELCh color **59, 83.778, 136.999** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **39, 77.998, 331.280**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 83.554, 136.948**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.037, 136.717**, and if you desaturate by 10%, it is **59, 79.700, 138.018**.

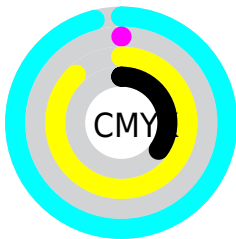
Distribution



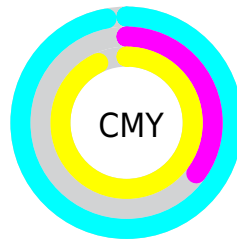
- Red (3%)
- Green (65%)
- Blue (7%)



- Red (3%)
- Yellow (60%)
- Blue (65%)



- Cyan (96%)
- Magenta (0%)
- Yellow (88%)
- Black (35%)




- Cyan (97%)
- Magenta (35%)
- Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 83.778, 136.999 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, 83.778, 136.999 by changing the saturation by 10% instead.


 59, 83.778,
136.999


 59, 83.778,
136.999

 100, 83.778,
136.999


 49, 83.778,
136.999


 79, 83.778,
136.999

 39, 83.778,
136.999

 89, 83.778,
136.999

 29, 83.778,
136.999

 99, 83.778,
136.999

 19, 83.778,
136.999

 9, 83.778, 136.999

 0, 83.778, 136.999

■ 59, 83.778,
136.999

■ 59, 83.778,
136.999

■ 59, 85.037,
136.717

■ 59, 79.700,
138.018

■ 60, 73.789,
139.235

■ 60, 66.321,
140.516

■ 61, 57.630,
141.758

■ 62, 48.040,
142.901

■ 63, 37.846,
143.918

■ 64, 27.298,
144.805

■ 65, 16.604,

145.572

■ 67, 5.924, 146.249

Harmonies

Complementary

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



59, 83.778, 136.999



39, 77.998, 331.280

Rectangle

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



59, 83.778, 136.999



59, 83.778, 186.999



59, 83.778, 316.999



59, 83.778, 6.999

Sweetspot

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



59, 83.778, 137.000



80, 38.203, 144.472



65, 69.256, 106.884



42, 26.131, 144.108



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, 83.778, 137.000



75, 103.646, 136.554



60, 58.051, 153.897



34, 5.943, 146.007



52, 77.265, 136.822



4, 9.261, 146.327

Inverse Universe

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



39, 77.998, 331.280



50, 95.466, 331.501



35, 60.118, 6.077



32, 5.954, 327.023



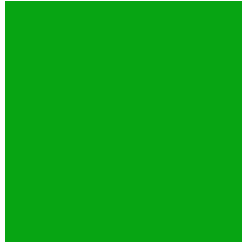
34, 71.750, 331.401



2, 9.071, 327.209

Previews

White Background



This preview shows how the CIELCh color 59, 83.778, 136.999 looks on a white background.

Color Contrast Check

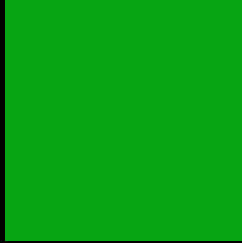
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.778, 136.999 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, 83.778, 136.999

Background



This preview shows how black text looks on a background with the CIELCh color 59, 83.778, 136.999.



This preview shows how white text looks on a background with the CIELCh color 59, 83.778, 136.999.

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, 83.778, 136.999

Protanopia
58, 61.553, 95.079

Deuteranopia
59, 54.215, 82.067



Tritanopia
59, 26.024, 212.596

Trichromacy



Original Color
59, 83.778, 136.999



Protanomaly
57, 66.935, 120.623



Deuteranomaly
56, 58.631, 116.883

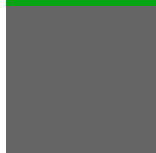


Tritanomaly
58, 44.405, 160.669

Monochromacy



Original Color
59, 83.778, 136.999



Achromatopsia
43, 0.006, 296.813



Achromatomaly
47, 38.488, 142.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 83.778, 136.999 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(7, 165, 19)` looks like.

```
.text, #text, p{  
    color:rgb(7, 165, 19)  
}
```

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(7, 165, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 165, 19) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 83.778, 136.999 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(7, 165, 19) }
```

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

```
.border{ border-color:rgb(7, 165, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 165, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 165, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 165, 19);  
box-shadow:4px 4px 4px 4px rgb(7, 165, 19)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 83.778, 136.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 165, 19) }
```

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

```
.background{ background-color: rgb(7, 165,  
19) }
```

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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