

Converting Colors

CIELCh(59, 85.088, 135.272)

Have a look what the booklet for
CIELCh(59, 85.088, 135.272)
contains.

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Color

CIELCh(59, 85.219, 135.261)

Conversions

Conversions Part 1

Format	Color
Hex	18A502
RGB	24, 165, 2
RGB Percent	9%, 65%, 1%
CMY	0.9078, 0.3537, 0.9938
CMYK	0.86, 0.00, 0.99, 0.35
HSL	112°, 98%, 33%
HSV	112°, 99%, 65%
XYZ	13.7918, 27.0277, 4.5349
YIQ	104.2590, -31.7130, -80.5850

Conversions

Conversions Part 2

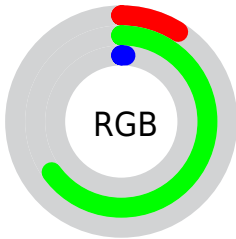
Format	Color
RYB	2, 165, 143
Decimal	1615106
CIELab	59.00, -60.53, 59.98
CIELCh	59, 85.219, 135.261
Yxy	27.0277, 0.3041, 0.5959
Android (android.graphics.Color)	4279805186 (0xFF18A502)
YUV	104.2590, -50.4137, -70.3871
Hunter-Lab	51.9882, -43.6255, 31.2199

Details

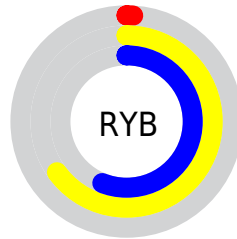
The CIELCh color **59, 85.219, 135.261** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **35, 83.968, 323.137**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 85.187, 135.203**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.490, 135.245**, and if you desaturate by 10%, it is **59, 81.992, 135.282**.

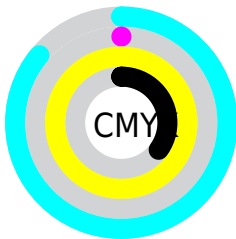
Distribution



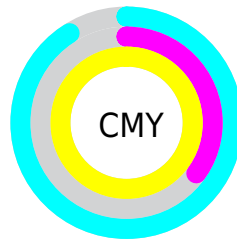
- Red (9%)
- Green (65%)
- Blue (1%)



- Red (1%)
- Yellow (65%)
- Blue (56%)



- Cyan (86%)
- Magenta (0%)
- Yellow (99%)
- Black (35%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 85.219, 135.261 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, 85.219, 135.261 by changing the saturation by 10% instead.


 59, 85.219,
135.261


 59, 85.219,
135.261


 100, 85.219,
135.261

 49, 85.219,
135.261


 79, 85.219,
135.261

 39, 85.219,
135.261


 89, 85.219,
135.261

 29, 85.219,
135.261

 99, 85.219,
135.261

 19, 85.219,
135.261

 9, 85.219, 135.261

 0, 85.219, 135.261

■ 59, 85.219,
135.261

■ 59, 85.219,
135.261

■ 59, 85.490,
135.245

■ 59, 81.992,
135.282

■ 60, 76.868,
135.559

■ 60, 69.858,
136.125

■ 61, 61.390,
136.854

■ 62, 51.895,
137.638

■ 63, 41.727,
138.404

■ 64, 31.166,
139.114

■ 65, 20.422,

139.751

■ 66, 9.653, 140.318

Harmonies

Complementary

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



59, 85.219, 135.261



35, 83.968, 323.137

Rectangle

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



59, 85.219, 135.261



59, 85.219, 185.261



59, 85.219, 315.261



59, 85.219, 5.261

Sweetspot

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



59, 85.218, 135.262



81, 39.842, 139.011



59, 63.053, 92.289



42, 27.099, 138.732



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, 85.218, 135.262



75, 104.092, 135.373



59, 72.938, 143.152



34, 5.993, 140.306



52, 77.886, 135.167



4, 9.337, 141.099

Inverse Universe

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



35, 83.968, 323.137



46, 102.385, 323.022



36, 64.645, 348.285



32, 6.017, 321.141



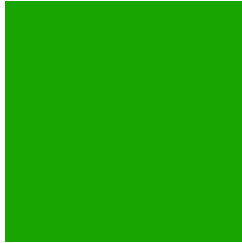
31, 76.788, 323.164



1, 9.199, 319.663

Previews

White Background



This preview shows how the CIELCh color 59, 85.219, 135.261 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, 85.219, 135.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

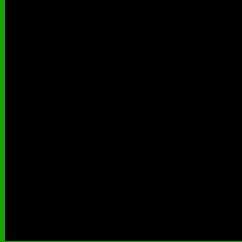
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 85.219, 135.261

Background



This preview shows how black text looks on a background with the CIELCh color 59, 85.219, 135.261.



This preview shows how white text looks on a background with the CIELCh color 59, 85.219, 135.261.

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, 85.219, 135.261

Protanopia
58, 62.972, 95.090

Deuteranopia
59, 55.656, 82.437



Tritanopia
59, 25.251, 214.525

Trichromacy



Original Color
59, 85.219, 135.261



Protanomaly
57, 67.896, 118.056



Deuteranomaly
56, 60.593, 113.681



Tritanomaly
58, 45.566, 156.440

Monochromacy



Original Color
59, 85.219, 135.261



Achromatopsia
44, 0.006, 296.813



Achromatomaly
48, 39.931, 137.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 85.219, 135.261 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(24, 165, 2)` looks like.

```
.text, #text, p{  
    color:rgb(24, 165, 2)  
}
```

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(24, 165, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 165, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 85.219, 135.261 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(24, 165, 2) }
```

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

```
.border{ border-color:rgb(24, 165, 2) }
```

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

Here you see how a box with a 4 pixel rgb(24, 165, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 165, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 165, 2);  
box-shadow:4px 4px 4px 4px rgb(24, 165, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 85.219, 135.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 165, 2) }
```

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

```
.background{ background-color: rgb(24, 165,  
2) }
```

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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