

Converting Colors

CIELCh(59, 79.286, 139.783)

Have a look what the booklet for
CIELCh(59, 79.286, 139.783)
contains.

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Color

CIElCh(59, 79.163, 139.707)

Conversions

Conversions Part 1

Format	Color
Hex	00A528
RGB	0, 165, 40
RGB Percent	0%, 65%, 16%
CMY	1.0000, 0.3533, 0.8435
CMYK	1.00, 0.00, 0.76, 0.35
HSL	135°, 100%, 32%
HSV	135°, 100%, 65%
XYZ	13.8157, 27.0277, 6.4877
YIQ	101.4150, -58.2150, -73.8550

Conversions

Conversions Part 2

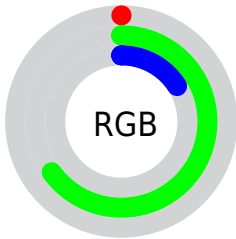
Format	Color
RYB	0, 133, 165
Decimal	42280
CIELab	59.00, -60.38, 51.19
CIELCh	59, 79.163, 139.707
Yxy	27.0277, 0.2919, 0.5710
Android (android.graphics.Color)	4278232360 (0xFF00A528)
YUV	101.4150, -30.2776, -88.9410
Hunter-Lab	51.9882, -43.5436, 28.9929

Details

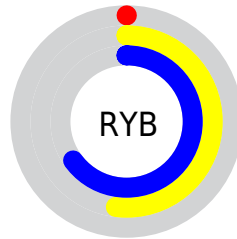
The CIELCh color **59, 79.163, 139.707** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **37, 69.371, 340.691**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 78.950, 139.764**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 79.150, 139.697**, and if you desaturate by 10%, it is **59, 74.598, 141.359**.

Distribution



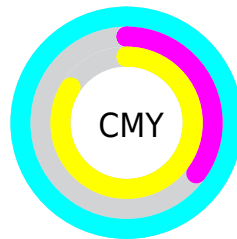
- Red (0%)
- Green (65%)
- Blue (16%)



- Red (0%)
- Yellow (52%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (84%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 79.163, 139.707 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, 79.163, 139.707 by changing the saturation by 10% instead.


 59, 79.163,
139.707


 59, 79.163,
139.707


 100, 79.163,
139.707


 49, 79.163,
139.707


 79, 79.163,
139.707

 39, 79.163,
139.707

 89, 79.163,
139.707

 29, 79.163,
139.707

 99, 79.163,
139.707

 19, 79.163,
139.707

 9, 79.163, 139.707

 0, 79.163, 139.707

■ 59, 79.163,
139.707

■ 59, 79.163,
139.707

■ 59, 79.150,
139.697

■ 59, 74.598,
141.359

■ 60, 68.985,
143.099

■ 60, 62.314,
144.743

■ 61, 54.730,
146.240

■ 61, 46.409,
147.572

■ 62, 37.539,
148.739

■ 63, 28.308,
149.753

■ 65, 18.883,

150.635

■ 66, 9.407, 151.409

Harmonies

Complementary

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



59, 79.163, 139.707



37, 69.371, 340.691

Rectangle

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



59, 79.163, 139.707



59, 79.163, 189.707



59, 79.163, 319.707



59, 79.163, 9.707

Sweetspot

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



59, 79.150, 139.697



80, 35.016, 149.701



63, 72.335, 116.397



42, 23.808, 149.310



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, 79.150, 139.697



75, 96.941, 139.352



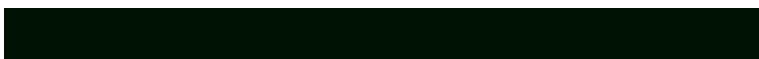
60, 48.724, 164.808



34, 5.274, 151.464



52, 71.804, 139.901



4, 8.321, 151.212

Inverse Universe

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



37, 69.371, 340.691



48, 84.015, 340.983



34, 64.165, 23.521



32, 5.294, 332.595



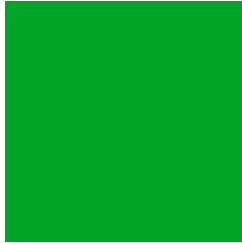
32, 63.347, 340.526



1, 7.878, 334.081

Previews

White Background



This preview shows how the CIELCh color 59, 79.163, 139.707 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, 79.163, 139.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

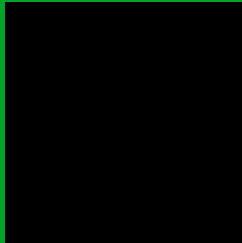
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 79.163, 139.707

Background



This preview shows how black text looks on a background with the CIELCh color 59, 79.163, 139.707.



This preview shows how white text looks on a background with the CIELCh color 59, 79.163, 139.707.

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, 79.163, 139.707

Protanopia

59, 55.409, 94.954

Deuteranopia

59, 48.768, 80.954



Tritanopia
59, 26.217, 212.465

Trichromacy



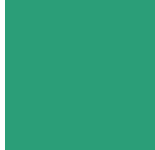
Original Color
59, 79.163, 139.707



Protanomaly
57, 61.699, 123.780



Deuteranomaly
56, 53.191, 120.187



Tritanomaly
58, 42.301, 165.120

Monochromacy



Original Color
59, 79.163, 139.707



Achromatopsia
43, 0.006, 296.813



Achromatomaly
47, 35.486, 148.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 79.163, 139.707 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(0, 165, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 40)  
}
```

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(0, 165, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 40) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 79.163, 139.707 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(0, 165, 40) }
```

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

```
.border{ border-color:rgb(0, 165, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 40);  
box-shadow:4px 4px 4px 4px rgb(0, 165, 40)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 79.163, 139.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 40) }
```

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

```
.background{ background-color: rgb(0, 165,  
40) }
```

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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