

Converting Colors

CIELCh(59, 79.359, 139.426)

Have a look what the booklet for
CIELCh(59, 79.359, 139.426)
contains.

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Color

CIELCh(59, 79.340, 139.466)

Conversions

Conversions Part 1

Format	Color
Hex	03A527
RGB	3, 165, 39
RGB Percent	1%, 65%, 15%
CMY	0.9901, 0.3534, 0.8475
CMYK	0.98, 0.00, 0.76, 0.35
HSL	133°, 97%, 33%
HSV	133°, 98%, 65%
XYZ	13.8285, 27.0277, 6.3963
YIQ	102.1980, -56.1060, -73.5300

Conversions

Conversions Part 2

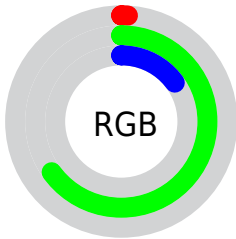
Format	Color
R_{YB}	3, 136, 165
Decimal	238887
CIE _{Lab}	59.00, -60.30, 51.56
CIE _{LCh}	59, 79.340, 139.466
Yxy	27.0277, 0.2927, 0.5720
Android (android.graphics.Color)	4278428967 (0xFF03A527)
YUV	102.1980, -31.1566, -86.9966
Hunter-Lab	51.9882, -43.4995, 29.0971

Details

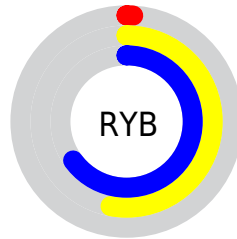
The CIELCh color **59, 79.340, 139.466** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **37, 70.100, 339.348**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 79.171, 139.445**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 79.971, 139.252**, and if you desaturate by 10%, it is **59, 74.699, 141.106**.

Distribution



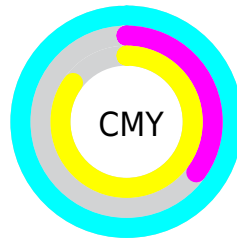
- Red (1%)
- Green (65%)
- Blue (15%)



- Red (1%)
- Yellow (53%)
- Blue (65%)



- Cyan (98%)
- Magenta (0%)
- Yellow (76%)
- Black (35%)



- Cyan (99%)
- Magenta (35%)
- Yellow (85%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 79.340, 139.466 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, 79.340, 139.466 by changing the saturation by 10% instead.

 59, 79.340,
139.466

 59, 79.340,
139.466

 100, 79.340,
139.466

 49, 79.340,
139.466

 79, 79.340,
139.466

 39, 79.340,
139.466

 89, 79.340,
139.466

 29, 79.340,
139.466

 99, 79.340,
139.466

 19, 79.340,
139.466

 9, 79.340, 139.466

 0, 79.340, 139.466

■ 59, 79.340,
139.466

■ 59, 79.340,
139.466

■ 59, 79.971,
139.252

■ 59, 74.699,
141.106

■ 60, 68.905,
142.794

■ 60, 62.024,
144.391

■ 61, 54.224,
145.846

■ 61, 45.695,
147.140

■ 62, 36.636,
148.273

■ 64, 27.236,
149.258

■ 65, 17.666,

150.112

■ 66, 8.066, 150.866

Harmonies

Complementary

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



59, 79.340, 139.466



37, 70.100, 339.348

Rectangle

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



59, 79.340, 139.466



59, 79.340, 189.466



59, 79.340, 319.466



59, 79.340, 9.466

Sweetspot

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



59, 79.340, 139.467



80, 35.492, 149.064



63, 71.633, 115.421



42, 24.133, 148.677



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, 79.340, 139.467



75, 97.930, 138.922



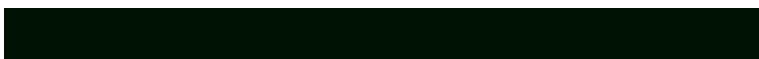
60, 49.381, 163.703



34, 5.344, 150.809



52, 72.573, 139.448



4, 8.420, 150.631

Inverse Universe

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



37, 70.100, 339.348



48, 85.117, 339.789



35, 63.010, 21.313



32, 5.363, 331.924



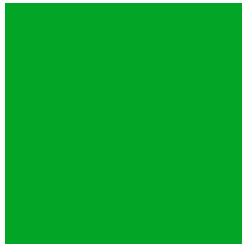
32, 64.162, 339.381



1, 7.993, 333.292

Previews

White Background



This preview shows how the CIELCh color 59, 79.340, 139.466 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, 79.340, 139.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

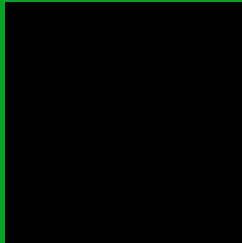
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 79.340, 139.466

Background



This preview shows how black text looks on a background with the CIELCh color 59, 79.340, 139.466.



This preview shows how white text looks on a background with the CIELCh color 59, 79.340, 139.466.

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, 79.340, 139.466

Protanopia

59, 55.745, 94.965

Deuteranopia

59, 49.197, 81.099



Tritanopia
59, 26.217, 212.465

Trichromacy



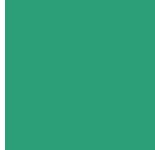
Original Color
59, 79.340, 139.466



Protanomaly
57, 61.867, 123.313



Deuteranomaly
56, 53.465, 119.602



Tritanomaly
58, 42.165, 165.026

Monochromacy



Original Color
59, 79.340, 139.466



Achromatopsia
43, 0.006, 296.813



Achromatomaly
47, 35.681, 147.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 79.340, 139.466 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(3, 165, 39)` looks like.

```
.text, #text, p{  
    color:rgb(3, 165, 39)  
}
```

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(3, 165, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 165, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 79.340, 139.466 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(3, 165, 39) }
```

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

```
.border{ border-color:rgb(3, 165, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 165, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 165, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 165, 39);  
box-shadow:4px 4px 4px 4px rgb(3, 165, 39)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 79.340, 139.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 165, 39) }
```

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

```
.background{ background-color: rgb(3, 165,  
39) }
```

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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