

Converting Colors

CIELCh(59, 78.780, 143.459)

Have a look what the booklet for
CIELCh(59, 78.780, 143.459)
contains.

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Color

CIELCh(59, 76.207, 141.539)

Conversions

Conversions Part 1

Format	Color
Hex	00A532
RGB	0, 165, 50
RGB Percent	0%, 65%, 20%
CMY	1.0000, 0.3538, 0.8046
CMYK	1.00, 0.00, 0.70, 0.35
HSL	138°, 100%, 32%
HSV	138°, 100%, 65%
XYZ	13.9278, 27.0277, 7.4799
YIQ	102.5550, -61.4250, -70.7450

Conversions

Conversions Part 2

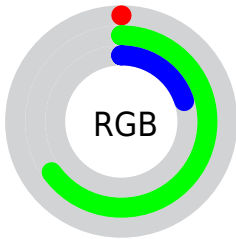
Format	Color
RYB	0, 127, 165
Decimal	42290
CIELab	59.00, -59.67, 47.40
CIELCh	59, 76.207, 141.539
Yxy	27.0277, 0.2876, 0.5580
Android (android.graphics.Color)	4278232370 (0xFF00A532)
YUV	102.5550, -25.9096, -89.9407
Hunter-Lab	51.9882, -43.1588, 27.8613

Details

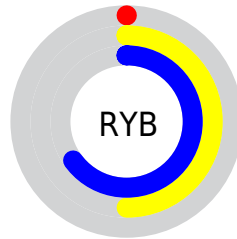
The CIELCh color **59, 76.207, 141.539** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **36, 66.584, 344.869**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 75.927, 141.341**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.036, 141.400**, and if you desaturate by 10%, it is **59, 71.397, 143.250**.

Distribution



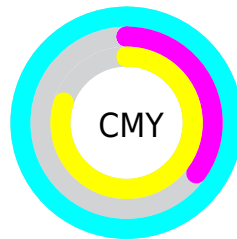
- Red (0%)
- Green (65%)
- Blue (20%)



- Red (0%)
- Yellow (50%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (35%)





- Cyan (100%)
- Magenta (35%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 76.207, 141.539 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, 76.207, 141.539 by changing the saturation by 10% instead.


 59, 76.207,
141.539


 59, 76.207,
141.539


 100, 76.207,
141.539


 49, 76.207,
141.539


 79, 76.207,
141.539

 39, 76.207,
141.539

 89, 76.207,
141.539

 29, 76.207,
141.539

 99, 76.207,
141.539

 19, 76.207,
141.539

 9, 76.207, 141.539

 0, 76.207, 141.539

■ 59, 76.207,
141.539

■ 59, 76.207,
141.539

■ 59, 76.036,
141.400

■ 59, 71.397,
143.250

■ 60, 65.886,
145.115

■ 60, 59.452,
146.839

■ 61, 52.197,
148.390

■ 61, 44.265,
149.759

■ 62, 35.819,
150.957

■ 63, 27.025,
152.002

■ 65, 18.038,

152.913

■ 66, 8.992, 153.721

Harmonies

Complementary

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



59, 76.207, 141.539



36, 66.584, 344.869

Rectangle

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



59, 76.207, 141.539



59, 76.207, 191.539



59, 76.207, 321.539



59, 76.207, 11.539

Sweetspot

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



59, 76.036, 141.400



80, 33.450, 151.948



62, 73.661, 119.755



42, 22.738, 151.545



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, 76.036, 141.400



75, 93.264, 141.010



60, 44.742, 171.017



34, 5.045, 153.778



52, 68.992, 141.627



4, 7.998, 153.256

Inverse Universe

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



36, 66.584, 344.869



48, 80.657, 345.279



34, 66.729, 28.938



32, 5.070, 334.968



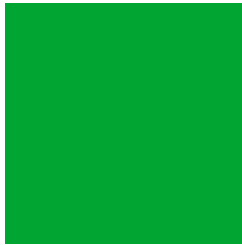
32, 60.851, 344.641



1, 7.518, 336.785

Previews

White Background



This preview shows how the CIELCh color 59, 76.207, 141.539 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, 76.207, 141.539 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, 76.207, 141.539

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.207, 141.539.



This preview shows how white text looks on a background with the CIELCh color 59, 76.207, 141.539.

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, 76.079, 141.419

Protanopia

59, 51.623, 95.313

Deuteranopia

58, 45.454, 80.317



Tritanopia
59, 26.408, 212.338

Trichromacy



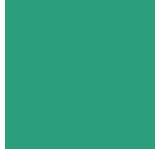
Original Color
59, 76.079, 141.419



Protanomaly
57, 58.210, 125.284



Deuteranomaly
56, 49.970, 122.003



Tritanomaly
58, 40.848, 167.638

Monochromacy



Original Color
59, 76.079, 141.419



Achromatopsia
43, 0.006, 296.813



Achromatomaly
48, 34.107, 150.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 76.207, 141.539 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.207, 141.539 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, 50) }
```

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

```
.border{ border-color:rgb(0, 165, 50) }
```

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, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 50);  
box-shadow:4px 4px 4px 4px rgb(0, 165, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.207, 141.539 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, 50) }
```

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

```
.background{ background-color: rgb(0, 165,  
50) }
```

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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