

Converting Colors

CIELCh(59, 57.015, 154.550)

Have a look what the booklet for
CIELCh(59, 57.015, 154.550)
contains.

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Color

CIELCh(59, 56.991, 154.589)

Conversions

Conversions Part 1

Format	Color
Hex	03A361
RGB	3, 163, 97
RGB Percent	1%, 64%, 38%
CMY	0.9863, 0.3613, 0.6201
CMYK	0.98, 0.00, 0.41, 0.36
HSL	155°, 96%, 33%
HSV	155°, 98%, 64%
XYZ	15.2676, 27.0277, 15.6905
YIQ	107.6360, -74.1740, -54.4460

Conversions

Conversions Part 2

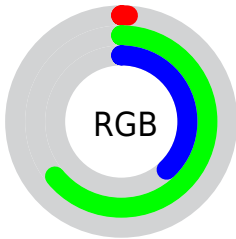
Format	Color
R_{YB}	3, 104, 163
Decimal	238433
CIE _{Lab}	59.00, -51.48, 24.46
CIE _{LCh}	59, 56.991, 154.589
Yxy	27.0277, 0.2633, 0.4661
Android (android.graphics.Color)	4278428513 (0xFF03A361)
YUV	107.6360, -5.2435, -91.7658
Hunter-Lab	51.9882, -38.5586, 18.4975

Details

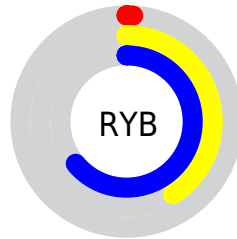
The CIELCh color **59, 56.991, 154.589** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **35, 59.994, 8.831**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 57.120, 154.557**, and **40, 49.362, 147.726** is the 20% darker color. If you saturate the color by 10%, you get **59, 57.714, 154.145**, and if you desaturate by 10%, it is **59, 53.511, 156.743**.

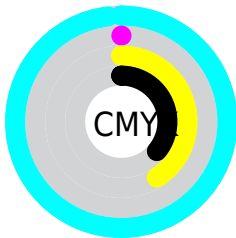
Distribution



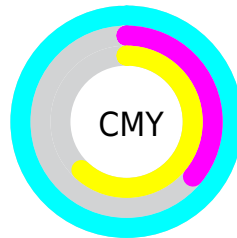
- Red (1%)
- Green (64%)
- Blue (38%)



- Red (1%)
- Yellow (41%)
- Blue (64%)



- Cyan (98%)
- Magenta (0%)
- Yellow (41%)
- Black (36%)





- Cyan (99%)
- Magenta (36%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 56.991, 154.589 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, 56.991, 154.589 by changing the saturation by 10% instead.


 59, 56.991,
154.589


 59, 56.991,
154.589


 100, 56.991,
154.589


 49, 56.991,
154.589


 79, 56.991,
154.589

 39, 56.991,
154.589

 89, 56.991,
154.589

 29, 56.991,
154.589

 99, 56.991,
154.589

 19, 56.991,
154.589

 9, 56.991, 154.589

 0, 56.991, 154.589

■ 59, 56.991,
154.589

■ 59, 56.991,
154.589

■ 59, 57.714,
154.145

■ 59, 53.511,
156.743

■ 60, 49.433,
158.740

■ 60, 44.673,
160.530

■ 61, 39.259,
162.125

■ 61, 33.265,
163.543

■ 62, 26.797,
164.808

■ 63, 19.971,
165.945

■ 65, 12.902,

166.977

■ 66, 5.696, 167.946

Harmonies

Complementary

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



59, 56.991, 154.589



35, 59.994, 8.831

Rectangle

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



59, 56.991, 154.589



59, 56.991, 204.589



59, 56.991, 334.589



59, 56.991, 24.589

Sweetspot

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



59, 56.991, 154.589



80, 25.684, 165.762



59, 79.179, 130.233



42, 17.678, 165.305



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, 56.991, 154.589



75, 70.748, 153.680



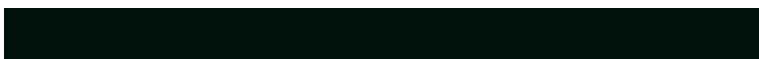
56, 32.302, 210.476



34, 4.105, 167.809



53, 52.858, 154.385



4, 6.654, 165.360

Inverse Universe

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



35, 59.994, 8.831



45, 73.584, 10.822



34, 72.145, 40.382



32, 4.177, 349.321



30, 55.602, 9.237



1, 6.259, 350.971

Previews

White Background



This preview shows how the CIE LCh color 59, 56.991, 154.589 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, 56.991, 154.589 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, 56.991, 154.589

Background



This preview shows how black text looks on a background with the CIELCh color 59, 56.991, 154.589.

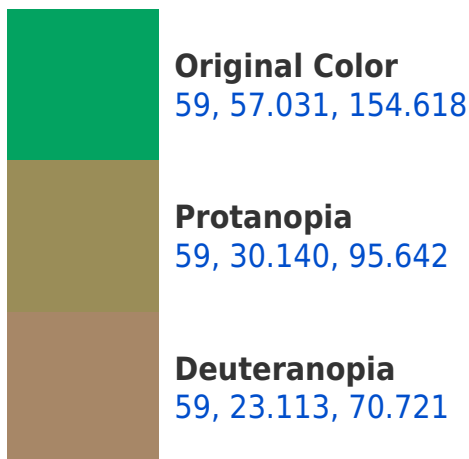



This preview shows how white text looks on a background with the CIELCh color 59, 56.991, 154.589.

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





Tritanopia
59, 28.042, 211.306

Trichromacy



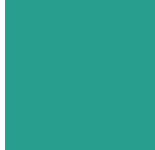
Original Color
59, 57.031, 154.618



Protanomaly
57, 38.287, 138.347



Deuteranomaly
56, 29.099, 138.387



Tritanomaly
59, 35.684, 181.416

Monochromacy



Original Color
59, 57.031, 154.618



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 26.040, 164.016

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 56.991, 154.589 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, 163, 97)` looks like.

```
.text, #text, p{  
    color:rgb(3, 163, 97)  
}
```

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, 163, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 163, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 56.991, 154.589 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, 163, 97) }
```

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

```
.border{ border-color:rgb(3, 163, 97) }
```

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

Here you see how a box with a 4 pixel rgb(3, 163, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 163, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 163, 97);  
box-shadow:4px 4px 4px 4px rgb(3, 163, 97)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 56.991, 154.589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 163, 97) }
```

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

```
.background{ background-color: rgb(3, 163,  
97) }
```

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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