

Converting Colors

CIELCh(59, 53.607, 157.768)

Have a look what the booklet for
CIELCh(59, 53.607, 157.768)
contains.

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Color

CIELCh(59, 53.221, 158.082)

Conversions

Conversions Part 1

Format	Color
Hex	06A269
RGB	6, 162, 105
RGB Percent	2%, 64%, 41%
CMY	0.9754, 0.3634, 0.5870
CMYK	0.96, 0.00, 0.35, 0.36
HSL	158°, 93%, 33%
HSV	158°, 96%, 64%
XYZ	15.6247, 27.0277, 17.8421
YIQ	108.8580, -74.6790, -50.7990

Conversions

Conversions Part 2

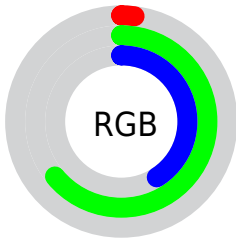
Format	Color
R _Y B	6, 101, 162
Decimal	434793
CIE Lab	59.00, -49.37, 19.87
CIE LCh	59, 53.221, 158.082
Yxy	27.0277, 0.2583, 0.4468
Android (android.graphics.Color)	4278624873 (0xFF06A269)
YUV	108.8580, -1.9020, -90.2065
Hunter-Lab	51.9882, -37.3323, 16.0437

Details

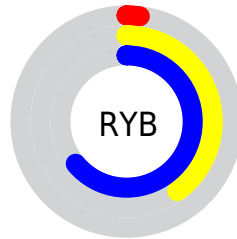
The CIELCh color **59, 53.221, 158.082** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **34, 59.830, 12.596**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 52.983, 158.164**, and **40, 45.383, 151.536** is the 20% darker color. If you saturate the color by 10%, you get **59, 54.392, 157.281**, and if you desaturate by 10%, it is **59, 50.026, 160.195**.

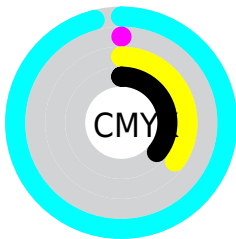
Distribution



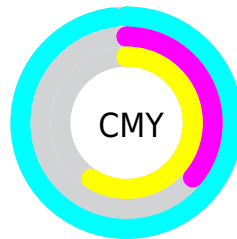
- Red (2%)
- Green (64%)
- Blue (41%)



- Red (2%)
- Yellow (40%)
- Blue (64%)



- Cyan (96%)
- Magenta (0%)
- Yellow (35%)
- Black (36%)





- Cyan (98%)
- Magenta (36%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 53.221, 158.082 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, 53.221, 158.082 by changing the saturation by 10% instead.


 59, 53.221,
158.082


 59, 53.221,
158.082


 100, 53.221,
158.082


 49, 53.221,
158.082


 79, 53.221,
158.082

 39, 53.221,
158.082

 89, 53.221,
158.082

 29, 53.221,
158.082

 99, 53.221,
158.082

 19, 53.221,
158.082

 9, 53.221, 158.082

 0, 53.221, 158.082

■ 59, 53.221,
158.082

■ 59, 53.221,
158.082

■ 59, 54.392,
157.281

■ 59, 50.026,
160.195

■ 60, 46.200,
162.122

■ 60, 41.694,
163.848

■ 61, 36.540,
165.388

■ 61, 30.813,
166.764

■ 62, 24.614,
168.001

■ 63, 18.055,
169.121

■ 65, 11.249,

170.150

■ 66, 4.296, 171.141

Harmonies

Complementary

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



59, 53.221, 158.082



34, 59.830, 12.596

Rectangle

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



59, 53.221, 158.082



59, 53.221, 208.082



59, 53.221, 338.082



59, 53.221, 28.082

Sweetspot

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



59, 53.221, 158.082



80, 24.757, 168.751



59, 79.521, 131.389



42, 17.024, 168.292



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, 53.221, 158.082



75, 66.796, 156.816



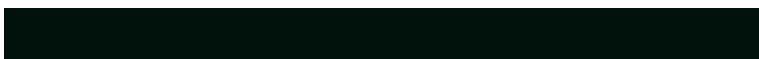
54, 31.074, 219.952



34, 3.974, 170.825



53, 49.956, 157.511



4, 6.451, 168.043

Inverse Universe

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



34, 59.830, 12.596



45, 74.410, 15.554



35, 69.814, 41.150



32, 4.058, 352.374



30, 56.059, 13.862



1, 6.096, 353.843

Previews

White Background



This preview shows how the CIELCh color 59, 53.221, 158.082 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, 53.221, 158.082 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, 53.221, 158.082

Background



This preview shows how black text looks on a background with the CIELCh color 59, 53.221, 158.082.

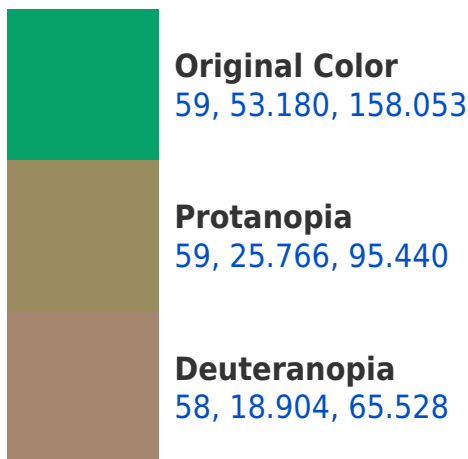


This preview shows how white text looks on a background with the CIELCh color 59, 53.221, 158.082.

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, 28.370, 211.114

Trichromacy



Original Color
59, 53.180, 158.053



Protanomaly
57, 34.354, 141.643



Deuteranomaly
57, 25.530, 144.145



Tritanomaly
59, 34.914, 184.038

Monochromacy



Original Color
59, 53.180, 158.053



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 24.068, 167.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 53.221, 158.082 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(6, 162, 105)` looks like.

```
.text, #text, p{  
    color:rgb(6, 162, 105)  
}
```

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(6, 162, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 162, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 53.221, 158.082 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(6, 162, 105) }
```

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

```
.border{ border-color:rgb(6, 162, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 162, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 162, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 162, 105);  
box-shadow:4px 4px 4px 4px rgb(6, 162,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 53.221, 158.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 162, 105) }
```

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

```
.background{ background-color: rgb(6, 162,  
105) }
```

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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