

Converting Colors

CIElCh(59, 53.950, 157.422)

Have a look what the booklet for
CIELCh(59, 53.950, 157.422)
contains.

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Color

CIELCh(59, 53.620, 157.651)

Conversions

Conversions Part 1

Format	Color
Hex	06A268
RGB	6, 162, 104
RGB Percent	2%, 64%, 41%
CMY	0.9746, 0.3632, 0.5907
CMYK	0.96, 0.00, 0.36, 0.36
HSL	158°, 92%, 33%
HSV	158°, 96%, 64%
XYZ	15.5874, 27.0277, 17.5878
YIQ	108.7440, -74.3580, -51.1100

Conversions

Conversions Part 2

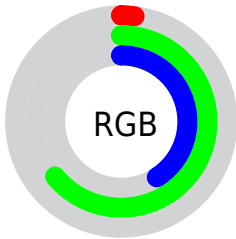
Format	Color
R _{YB}	6, 102, 162
Decimal	434792
CIE Lab	59.00, -49.59, 20.39
CIE LCh	59, 53.620, 157.651
Yxy	27.0277, 0.2589, 0.4489
Android (android.graphics.Color)	4278624872 (0xFF06A268)
YUV	108.7440, -2.3388, -90.1065
Hunter-Lab	51.9882, -37.4604, 16.3338

Details

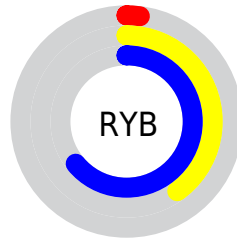
The CIELCh color **59, 53.620, 157.651** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **34, 59.740, 11.909**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 53.358, 157.750**, and **40, 45.817, 151.054** is the 20% darker color. If you saturate the color by 10%, you get **59, 54.847, 156.823**, and if you desaturate by 10%, it is **59, 50.369, 159.769**.

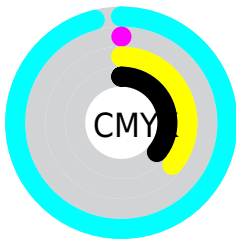
Distribution



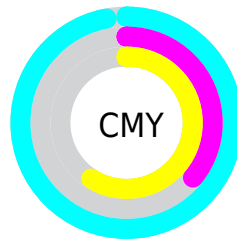
- Red (2%)
- Green (64%)
- Blue (41%)



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



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





- Cyan (97%)
- Magenta (36%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 53.620, 157.651 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, 53.620, 157.651 by changing the saturation by 10% instead.


 59, 53.620,
157.651


 59, 53.620,
157.651


 100, 53.620,
157.651


 49, 53.620,
157.651


 79, 53.620,
157.651

 39, 53.620,
157.651

 89, 53.620,
157.651

 29, 53.620,
157.651

 99, 53.620,
157.651

 19, 53.620,
157.651

 9, 53.620, 157.651

 0, 53.620, 157.651

■ 59, 53.620,
157.651

■ 59, 53.620,
157.651

■ 59, 54.847,
156.823

■ 59, 50.369,
159.769

■ 60, 46.483,
161.700

■ 60, 41.918,
163.429

■ 61, 36.707,
164.971

■ 61, 30.925,
166.348

■ 62, 24.674,
167.585

■ 63, 18.069,
168.704

■ 65, 11.221,

169.731

■ 66, 4.232, 170.720

Harmonies

Complementary

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



59, 53.620, 157.651



34, 59.740, 11.909

Rectangle

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



59, 53.620, 157.651



59, 53.620, 207.651



59, 53.620, 337.651



59, 53.620, 27.651

Sweetspot

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



59, 53.620, 157.651



80, 24.882, 168.321



59, 79.134, 130.968



42, 17.112, 167.863



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, 53.620, 157.651



75, 67.345, 156.357



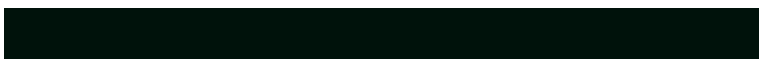
55, 31.348, 216.602



34, 3.992, 170.393



53, 50.358, 157.054



4, 6.479, 167.651

Inverse Universe

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



34, 59.740, 11.909



45, 74.259, 14.901



35, 70.165, 40.699



32, 4.074, 351.938



30, 55.969, 13.221



1, 6.118, 353.434

Previews

White Background



This preview shows how the CIELCh color 59, 53.620, 157.651 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, 53.620, 157.651 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, 53.620, 157.651

Background



This preview shows how black text looks on a background with the CIELCh color 59, 53.620, 157.651.



This preview shows how white text looks on a background with the CIELCh color 59, 53.620, 157.651.

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, 53.580, 157.622

Protanopia

59, 26.305, 95.597

Deuteranopia

58, 18.904, 65.528



Tritanopia
59, 28.370, 211.114

Trichromacy



Original Color
59, 53.580, 157.622



Protanomaly
57, 34.818, 141.135



Deuteranomaly
57, 25.530, 144.145

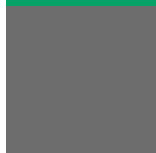


Tritanomaly
59, 35.164, 183.152

Monochromacy



Original Color
59, 53.580, 157.622



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 24.421, 166.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 53.620, 157.651 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(6, 162, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 162, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 53.620, 157.651 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, 104) }
```

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

```
.border{ border-color:rgb(6, 162, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 162, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 162, 104);  
box-shadow:4px 4px 4px 4px rgb(6, 162,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 53.620, 157.651 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, 104) }
```

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

```
.background{ background-color: rgb(6, 162,  
104) }
```

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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