

Converting Colors

CIELCh(57, 59.620, 148.915)

Have a look what the booklet for
CIELCh(57, 59.620, 148.915)
contains.

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Color

CIELCh(57, 59.681, 148.884)

Conversions

Conversions Part 1

Format	Color
Hex	199D50
RGB	25, 157, 80
RGB Percent	10%, 62%, 31%
CMY	0.9015, 0.3841, 0.6861
CMYK	0.84, 0.00, 0.49, 0.38
HSL	145°, 72%, 36%
HSV	145°, 84%, 62%
XYZ	13.9210, 24.9227, 11.6768
YIQ	108.7540, -53.9550, -51.9310

Conversions

Conversions Part 2

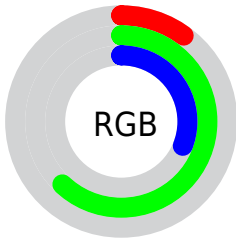
Format	Color
R_{YB}	25, 118, 157
Decimal	1678672
CIE _{Lab}	57.00, -51.09, 30.84
CIE _{LCh}	57, 59.681, 148.884
Yxy	24.9227, 0.2756, 0.4933
Android (android.graphics.Color)	4279868752 (0xFF199D50)
YUV	108.7540, -14.1757, -73.4523
Hunter-Lab	49.9226, -37.5895, 21.0780

Details

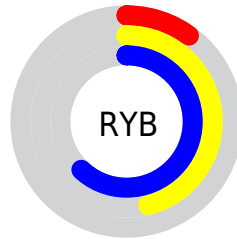
The CIELCh color **57, 59.681, 148.884** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **36, 58.133, 349.620**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 59.683, 149.006**, and **38, 53.111, 142.562** is the 20% darker color. If you saturate the color by 10%, you get **57, 64.271, 146.824**, and if you desaturate by 10%, it is **57, 54.353, 150.769**.

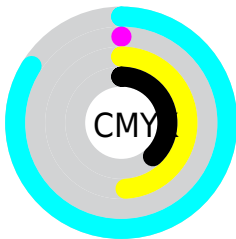
Distribution



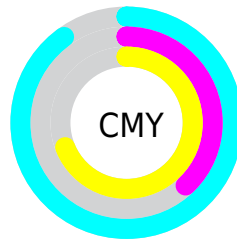
- Red (10%)
- Green (62%)
- Blue (31%)



- Red (10%)
- Yellow (46%)
- Blue (62%)



- Cyan (84%)
- Magenta (0%)
- Yellow (49%)
- Black (38%)



- Cyan (90%)
- Magenta (38%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 59.681, 148.884 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 57, 59.681, 148.884 by changing the saturation by 10% instead.

 57, 59.681,
148.884

 57, 59.681,
148.884

 100, 59.681,
148.884

 47, 59.681,
148.884

 77, 59.681,
148.884

 37, 59.681,
148.884

 87, 59.681,
148.884

 27, 59.681,
148.884

 97, 59.681,
148.884

 17, 59.681,
148.884

 7, 59.681, 148.884

 0, 59.681, 148.884

■ 57, 59.681,
148.884

■ 57, 59.681,
148.884

■ 57, 64.271,
146.824

■ 57, 54.353,
150.769

■ 57, 66.792,
145.619

■ 58, 48.314,
152.457

■ 59, 41.645,
153.949

■ 59, 34.461,
155.262

■ 60, 26.896,
156.415

■ 62, 19.082,
157.432

■ 63, 11.140,
158.340

■ 64, 3.173, 159.208

Harmonies

Complementary

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



57, 59.681, 148.884



36, 58.133, 349.620

Rectangle

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



57, 59.681, 148.884



57, 59.681, 198.884



57, 59.681, 328.884



57, 59.681, 18.884

Sweetspot

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



57, 59.681, 148.884



78, 24.577, 157.290



59, 67.716, 122.885



40, 16.707, 156.967



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 59.681, 148.884



72, 81.905, 145.158



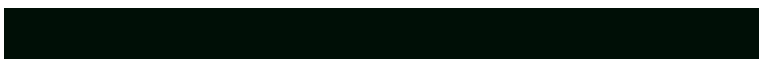
58, 36.235, 184.166



33, 4.516, 158.744



52, 62.031, 145.818



3, 5.997, 158.400

Inverse Universe

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



36, 58.133, 349.620



44, 73.275, 354.566



34, 59.516, 28.471



31, 4.555, 340.058



31, 56.557, 353.581



1, 5.780, 340.871

Previews

White Background



This preview shows how the CIELCh color 57, 59.681, 148.884 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 57, 59.681, 148.884 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 57, 59.681, 148.884

Background



This preview shows how black text looks on a background with the CIELCh color 57, 59.681, 148.884.



This preview shows how white text looks on a background with the CIELCh color 57, 59.681, 148.884.

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
57, 59.681, 148.884

Protanopia
57, 35.642, 95.617

Deuteranopia
57, 29.130, 75.381



Tritanopia
57, 25.683, 212.898

Trichromacy



Original Color
57, 59.681, 148.884



Protanomaly
56, 41.130, 129.465



Deuteranomaly
55, 33.421, 126.609

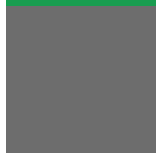


Tritanomaly
57, 33.913, 176.505

Monochromacy



Original Color
57, 59.681, 148.884



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 25.084, 156.061

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 59.681, 148.884 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(25, 157, 80)` looks like.

```
.text, #text, p{  
    color:rgb(25, 157, 80)  
}
```

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(25, 157, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 157, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 59.681, 148.884 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(25, 157, 80) }
```

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

```
.border{ border-color:rgb(25, 157, 80) }
```

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

Here you see how a box with a 4 pixel rgb(25, 157, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 157, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 157, 80);  
box-shadow:4px 4px 4px 4px rgb(25, 157,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 59.681, 148.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 157, 80) }
```

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

```
.background{ background-color: rgb(25, 157,  
80) }
```

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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