

Converting Colors

CIELCh(57, 57.729, 152.713)

Have a look what the booklet for
CIELCh(57, 57.729, 152.713)
contains.

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Color

CIELCh(57, 57.687, 152.681)

Conversions

Conversions Part 1

Format	Color
Hex	029D58
RGB	2, 157, 88
RGB Percent	1%, 62%, 35%
CMY	0.9925, 0.3833, 0.6540
CMYK	0.99, 0.00, 0.44, 0.38
HSL	153°, 98%, 31%
HSV	153°, 99%, 62%
XYZ	13.8959, 24.9227, 13.3616
YIQ	102.7890, -70.2310, -54.3190

Conversions

Conversions Part 2

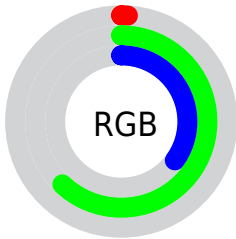
Format	Color
R_{YB}	2, 102, 157
Decimal	171352
CIE _{Lab}	57.00, -51.25, 26.48
CIE _{LCh}	57, 57.687, 152.681
Yxy	24.9227, 0.2663, 0.4776
Android (android.graphics.Color)	4278361432 (0xFF029D58)
YUV	102.7890, -7.2910, -88.3920
Hunter-Lab	49.9226, -37.6793, 19.0771

Details

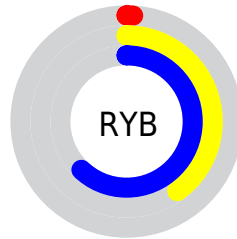
The CIELCh color **57, 57.687, 152.681** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **33, 58.591, 6.208**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 57.712, 152.710**, and **38, 49.529, 145.710** is the 20% darker color. If you saturate the color by 10%, you get **57, 58.112, 152.433**, and if you desaturate by 10%, it is **57, 54.112, 154.824**.

Distribution



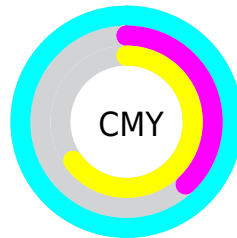
- Red (1%)
- Green (62%)
- Blue (35%)



- Red (1%)
- Yellow (40%)
- Blue (62%)



- Cyan (99%)
- Magenta (0%)
- Yellow (44%)
- Black (38%)





- Cyan (99%)
- Magenta (38%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 57.687, 152.681 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, 57.687, 152.681 by changing the saturation by 10% instead.


 57, 57.687,
152.681


 57, 57.687,
152.681


 100, 57.687,
152.681


 47, 57.687,
152.681


 77, 57.687,
152.681

 37, 57.687,
152.681

 87, 57.687,
152.681

 27, 57.687,
152.681

 97, 57.687,
152.681

 17, 57.687,
152.681

 7, 57.687, 152.681

 0, 57.687, 152.681

■ 57, 57.687,
152.681

■ 57, 57.687,
152.681

■ 57, 58.112,
152.433

■ 57, 54.112,
154.824

■ 58, 49.984,
156.839

■ 58, 45.191,
158.648

■ 59, 39.760,
160.259

■ 59, 33.765,
161.688

■ 60, 27.309,
162.959

■ 61, 20.508,
164.096

■ 62, 13.476,

165.123

■ 64, 6.318, 166.076

Harmonies

Complementary

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



57, 57.687, 152.681



33, 58.591, 6.208

Rectangle

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



57, 57.687, 152.681



57, 57.687, 202.681



57, 57.687, 332.681



57, 57.687, 22.681

Sweetspot

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



57, 57.687, 152.681



77, 26.371, 163.901



58, 76.659, 129.316



40, 17.873, 163.465



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, 57.687, 152.681



72, 71.144, 151.955



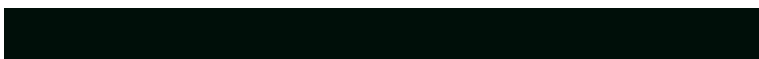
56, 32.643, 204.494



33, 4.083, 166.032



52, 53.934, 152.642



3, 5.462, 165.141

Inverse Universe

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



33, 58.591, 6.208



44, 71.371, 7.723



33, 71.184, 40.029



31, 4.146, 347.506



30, 54.823, 6.266



1, 5.277, 348.111

Previews

White Background



This preview shows how the CIELCh color 57, 57.687, 152.681 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, 57.687, 152.681 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, 57.687, 152.681

Background



This preview shows how black text looks on a background with the CIELCh color 57, 57.687, 152.681.



This preview shows how white text looks on a background with the CIELCh color 57, 57.687, 152.681.

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, 57.645, 152.649

Protanopia
57, 31.900, 95.794

Deuteranopia
57, 24.722, 72.612



Tritanopia
57, 26.978, 212.018

Trichromacy



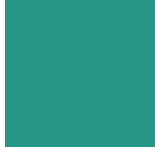
Original Color
57, 57.645, 152.649



Protanomaly
55, 39.494, 136.145



Deuteranomaly
55, 30.533, 136.108



Tritanomaly
57, 35.004, 180.011

Monochromacy



Original Color
57, 57.645, 152.649



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 26.277, 162.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 57.687, 152.681 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(2, 157, 88)` looks like.

```
.text, #text, p{  
    color:rgb(2, 157, 88)  
}
```

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(2, 157, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 157, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 57.687, 152.681 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(2, 157, 88) }
```

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

```
.border{ border-color:rgb(2, 157, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 157, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 157, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 157, 88);  
box-shadow:4px 4px 4px 4px rgb(2, 157, 88)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 57.687, 152.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 157, 88) }
```

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

```
.background{ background-color: rgb(2, 157,  
88) }
```

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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