

Converting Colors

CIELCh(57, 55.177, 154.860)

Have a look what the booklet for
CIELCh(57, 55.177, 154.860)
contains.

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Color

CIELCh(57, 55.159, 154.913)

Conversions

Conversions Part 1

Format	Color
Hex	039D5E
RGB	3, 157, 94
RGB Percent	1%, 62%, 37%
CMY	0.9889, 0.3845, 0.6315
CMYK	0.98, 0.00, 0.40, 0.38
HSL	155°, 96%, 31%
HSV	155°, 98%, 62%
XYZ	14.1022, 24.9227, 14.6462
YIQ	103.7720, -71.5610, -52.2410

Conversions

Conversions Part 2

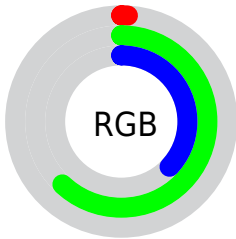
Format	Color
RYB	3, 100, 157
Decimal	236894
CIELab	57.00, -49.96, 23.39
CIELCh	57, 55.159, 154.913
Yxy	24.9227, 0.2628, 0.4644
Android (android.graphics.Color)	4278426974 (0xFF039D5E)
YUV	103.7720, -4.8176, -88.3770
Hunter-Lab	49.9226, -36.9415, 17.5515

Details

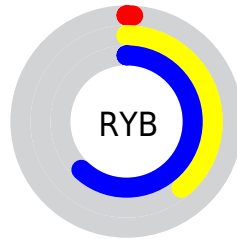
The CIELCh color **57, 55.159, 154.913** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **33, 58.457, 9.322**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 55.371, 154.909**, and **38, 46.993, 148.181** is the 20% darker color. If you saturate the color by 10%, you get **57, 55.751, 154.543**, and if you desaturate by 10%, it is **57, 51.807, 157.049**.

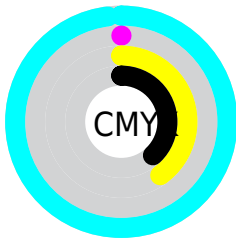
Distribution



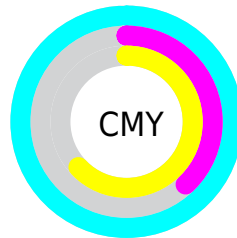
- Red (1%)
- Green (62%)
- Blue (37%)



- Red (1%)
- Yellow (39%)
- Blue (62%)



- Cyan (98%)
- Magenta (0%)
- Yellow (40%)
- Black (38%)





- Cyan (99%)
- Magenta (38%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 55.159, 154.913 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, 55.159, 154.913 by changing the saturation by 10% instead.


 57, 55.159,
154.913


 57, 55.159,
154.913


 100, 55.159,
154.913


 47, 55.159,
154.913


 77, 55.159,
154.913

 37, 55.159,
154.913

 87, 55.159,
154.913

 27, 55.159,
154.913

 97, 55.159,
154.913

 17, 55.159,
154.913

 7, 55.159, 154.913

 0, 55.159, 154.913

■ 57, 55.159,
154.913

■ 57, 55.159,
154.913

■ 57, 55.751,
154.543

■ 57, 51.807,
157.049

■ 58, 47.893,
159.039

■ 58, 43.320,
160.824

■ 59, 38.113,
162.415

■ 59, 32.343,
163.831

■ 60, 26.110,
165.095

■ 61, 19.526,
166.232

■ 62, 12.702,

167.265

■ 64, 5.740, 168.233

Harmonies

Complementary

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



57, 55.159, 154.913



33, 58.457, 9.322

Rectangle

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



57, 55.159, 154.913



57, 55.159, 204.913



57, 55.159, 334.913



57, 55.159, 24.913

Sweetspot

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



57, 55.159, 154.913



78, 24.829, 166.083



57, 77.110, 130.217



40, 16.916, 165.641



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, 55.159, 154.913



73, 68.329, 154.062



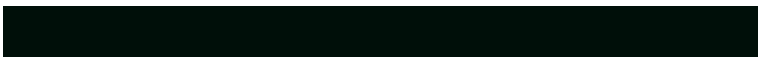
54, 31.450, 210.474



33, 3.984, 168.131



52, 51.831, 154.747



3, 5.339, 167.069

Inverse Universe

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



33, 58.457, 9.322



43, 71.625, 11.204



33, 70.248, 40.412



31, 4.055, 349.639



30, 54.912, 9.652



1, 5.164, 350.174

Previews

White Background



This preview shows how the CIELCh color 57, 55.159, 154.913 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, 55.159, 154.913 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, 55.159, 154.913

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.159, 154.913.



This preview shows how white text looks on a background with the CIELCh color 57, 55.159, 154.913.

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, 55.159, 154.913

Protanopia
57, 28.616, 95.994

Deuteranopia
57, 22.078, 69.945



Tritanopia
57, 27.148, 211.909

Trichromacy



Original Color
57, 55.159, 154.913



Protanomaly
55, 36.883, 139.135



Deuteranomaly
55, 28.314, 139.481



Tritanomaly
57, 34.586, 181.816

Monochromacy



Original Color
57, 55.159, 154.913



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 25.257, 164.195

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.159, 154.913 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, 157, 94)` looks like.

```
.text, #text, p{  
    color:rgb(3, 157, 94)  
}
```

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, 157, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 157, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.159, 154.913 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, 157, 94) }
```

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

```
.border{ border-color:rgb(3, 157, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 157, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 157, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 157, 94);  
box-shadow:4px 4px 4px 4px rgb(3, 157, 94)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.159, 154.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 157, 94) }
```

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

```
.background{ background-color: rgb(3, 157,  
94) }
```

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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