

Converting Colors

CIELCh(57, 34.090, 194.422)

Have a look what the booklet for
CIELCh(57, 34.090, 194.422)
contains.

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Color

CIELCh(57, 34.166, 194.439)

Conversions

Conversions Part 1

Format	Color
Hex	079997
RGB	7, 153, 151
RGB Percent	3%, 60%, 59%
CMY	0.9708, 0.4015, 0.4094
CMYK	0.95, 0.00, 0.01, 0.40
HSL	179°, 91%, 31%
HSV	179°, 95%, 60%
XYZ	16.9738, 24.9227, 33.0284
YIQ	109.1180, -86.3740, -31.5740

Conversions

Conversions Part 2

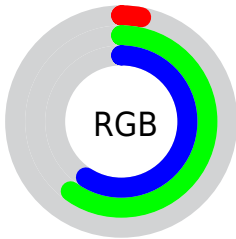
Format	Color
RYB	7, 81, 153
Decimal	498071
CIELab	57.00, -33.09, -8.52
CIELCh	57, 34.166, 194.439
Yxy	24.9227, 0.2265, 0.3326
Android (android.graphics.Color)	4278688151 (0xFF079997)
YUV	109.1180, 20.6478, -89.5575
Hunter-Lab	49.9226, -26.6741, -4.2799

Details

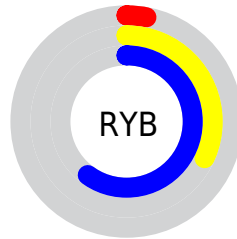
The CIELCh color **57, 34.166, 194.439** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32, 67.821, 37.707**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 34.289, 194.236**, and **38, 25.570, 194.961** is the 20% darker color. If you saturate the color by 10%, you get **57, 34.507, 194.329**, and if you desaturate by 10%, it is **57, 33.261, 194.673**.

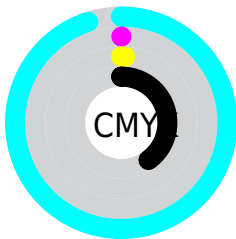
Distribution



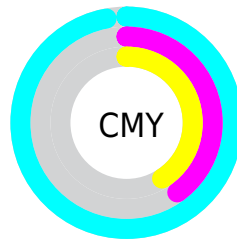
- Red (3%)
- Green (60%)
- Blue (59%)



- Red (3%)
- Yellow (32%)
- Blue (60%)



- Cyan (95%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (97%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 34.166, 194.439 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, 34.166, 194.439 by changing the saturation by 10% instead.

 57, 34.166,
194.439

 57, 34.166,
194.439

 100, 34.166,
194.439


 47, 34.166,
194.439

 77, 34.166,
194.439

 37, 34.166,
194.439

 87, 34.166,
194.439

 27, 34.166,
194.439

 97, 34.166,
194.439

 17, 34.166,
194.439

 7, 34.166, 194.439

 0, 34.166, 194.439

■ 57, 34.166,
194.439

■ 57, 34.166,
194.439

■ 57, 34.507,
194.329

■ 57, 33.261,
194.673

■ 57, 31.708,
194.939

■ 58, 29.450,
195.245

■ 58, 26.481,
195.595

■ 59, 22.836,
195.992

■ 59, 18.578,
196.436

■ 60, 13.787,
196.927

■ 61, 8.552, 197.467

Harmonies

Complementary

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



57, 34.166, 194.439



32, 67.821, 37.707

Rectangle

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



57, 34.166, 194.439



57, 34.166, 244.439



57, 34.166, 14.439



57, 34.166, 64.439

Sweetspot

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



57, 34.166, 194.438



76, 19.451, 196.702



55, 80.287, 136.173



40, 13.116, 196.512



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 34.166, 194.438



73, 41.992, 194.288



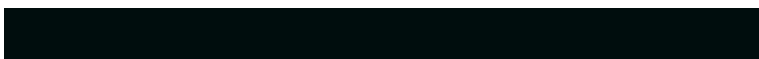
35, 44.653, 279.568



32, 3.253, 197.821



53, 32.441, 194.344



3, 3.597, 198.120

Inverse Universe

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



32, 67.821, 37.707



41, 86.117, 39.483



41, 55.933, 60.763



30, 3.438, 18.782



28, 65.651, 38.506



1, 3.597, 18.279

Previews

White Background



This preview shows how the CIELCh color 57, 34.166, 194.439 looks on a white background.

Color Contrast Check

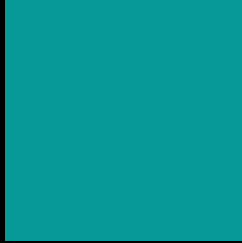
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.166, 194.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

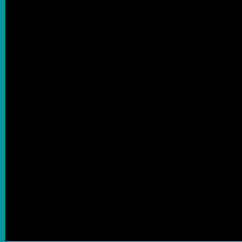
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 34.166, 194.439

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.166, 194.439.

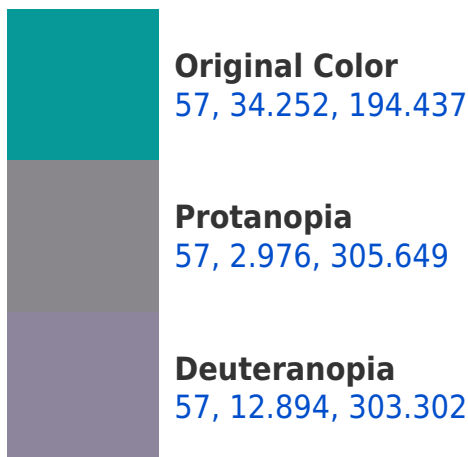


This preview shows how white text looks on a background with the CIELCh color 57, 34.166, 194.439.

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
57, 31.024, 209.711

Trichromacy



Original Color
57, 34.252, 194.437



Protanomaly
55, 17.651, 203.407



Deuteranomaly
55, 17.506, 223.464



Tritanomaly
57, 32.202, 202.787

Monochromacy



Original Color
57, 34.252, 194.437



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 18.558, 195.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 34.166, 194.439 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(7, 153, 151)` looks like.

```
.text, #text, p{  
    color:rgb(7, 153, 151)  
}
```

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(7, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 153, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.166, 194.439 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(7, 153, 151) }
```

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

```
.border{ border-color:rgb(7, 153, 151) }
```

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

Here you see how a box with a 4 pixel rgb(7, 153, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(7, 153,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.166, 194.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 153, 151) }
```

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

```
.background{ background-color: rgb(7, 153,  
151) }
```

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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