

Converting Colors

CIELCh(57, 35.188, 191.187)

Have a look what the booklet for
CIELCh(57, 35.188, 191.187)
contains.

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Color

CIELCh(57, 35.109, 191.563)

Conversions

Conversions Part 1

Format	Color
Hex	009994
RGB	0, 153, 148
RGB Percent	0%, 60%, 58%
CMY	0.9998, 0.4000, 0.4196
CMYK	1.00, 0.00, 0.03, 0.40
HSL	178°, 100%, 30%
HSV	178°, 100%, 60%
XYZ	16.7381, 24.9227, 31.9477
YIQ	106.6830, -89.5830, -33.9910

Conversions

Conversions Part 2

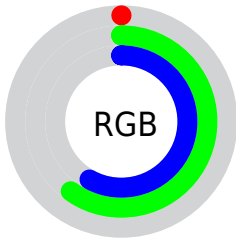
Format	Color
RYB	0, 78, 153
Decimal	39316
CIELab	57.00, -34.40, -7.04
CIELCh	57, 35.109, 191.563
Yxy	24.9227, 0.2274, 0.3386
Android (android.graphics.Color)	4278229396 (0xFF009994)
YUV	106.6830, 20.3693, -93.5610
Hunter-Lab	49.9226, -27.5170, -2.9965

Details

The CIELCh color **57, 35.109, 191.563** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31, 69.707, 38.203**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 35.121, 191.569**, and **38, 26.171, 190.806** is the 20% darker color. If you saturate the color by 10%, you get **57, 35.111, 191.561**, and if you desaturate by 10%, it is **57, 34.308, 192.007**.

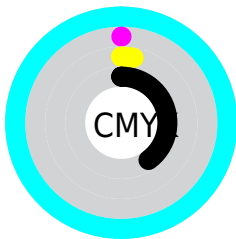
Distribution



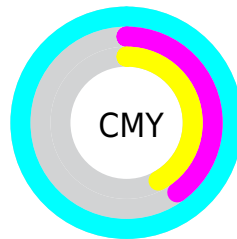
- Red (0%)
- Green (60%)
- Blue (58%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)





- Cyan (100%)
- Magenta (40%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 35.109, 191.563 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, 35.109, 191.563 by changing the saturation by 10% instead.


 57, 35.109,
191.563


 57, 35.109,
191.563


 100, 35.109,
191.563


 47, 35.109,
191.563


 77, 35.109,
191.563

 37, 35.109,
191.563

 87, 35.109,
191.563

 27, 35.109,
191.563

 97, 35.109,
191.563

 17, 35.109,
191.563

 7, 35.109, 191.563

 0, 35.109, 191.563

■ 57, 35.109,
191.563

■ 57, 35.109,
191.563

■ 57, 35.111,
191.561

■ 57, 34.308,
192.007

■ 57, 33.011,
192.453

■ 58, 31.024,
192.906

■ 58, 28.323,
193.375

■ 59, 24.928,
193.867

■ 59, 20.891,
194.386

■ 60, 16.289,
194.936

■ 61, 11.210,

195.518

■ 62, 5.745, 196.151

Harmonies

Complementary

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



57, 35.109, 191.563



31, 69.707, 38.203

Rectangle

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



57, 35.109, 191.563



57, 35.109, 241.563



57, 35.109, 11.563



57, 35.109, 61.563

Sweetspot

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



57, 35.109, 191.562



76, 20.144, 194.901



55, 81.604, 135.844



40, 13.512, 194.687



90, 0.011, 296.813



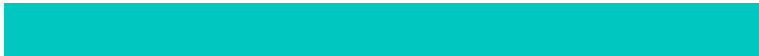
42, 0.006, 296.813

Same Dimension

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



57, 35.109, 191.562



73, 42.660, 191.468



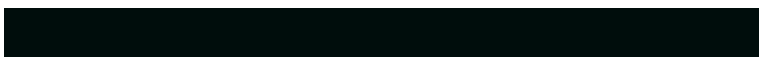
35, 45.467, 279.835



32, 3.261, 196.202



53, 32.941, 191.596



3, 3.603, 196.347

Inverse Universe

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



31, 69.707, 38.203



41, 85.326, 38.796



40, 58.857, 58.533



30, 3.439, 17.246



28, 65.023, 37.746



1, 3.602, 16.730

Previews

White Background



This preview shows how the CIELCh color 57, 35.109, 191.563 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, 35.109, 191.563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

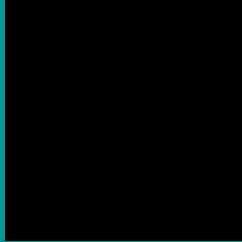
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.109, 191.563

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.109, 191.563.

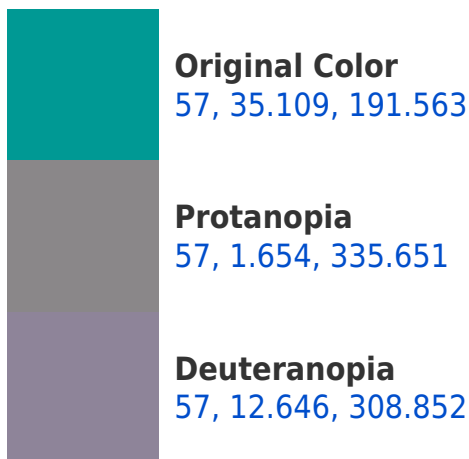


This preview shows how white text looks on a background with the CIELCh color 57, 35.109, 191.563.

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, 30.838, 209.805

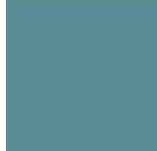
Trichromacy



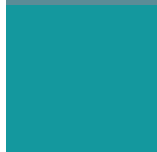
Original Color
57, 35.109, 191.563



Protanomaly
55, 18.786, 195.855



Deuteranomaly
55, 17.744, 218.961

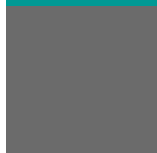


Tritanomaly
57, 32.341, 202.749

Monochromacy



Original Color
57, 35.109, 191.563



Achromatopsia
45, 0.006, 296.813



Achromatomaly
48, 19.516, 193.863

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.109, 191.563 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(0, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 148)  
}
```

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(0, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.109, 191.563 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(0, 153, 148) }
```

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

```
.border{ border-color:rgb(0, 153, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.109, 191.563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 148) }
```

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

```
.background{ background-color: rgb(0, 153,  
148) }
```

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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