

Converting Colors

CIELCh(57, 34.901, 192.581)

Have a look what the booklet for
CIELCh(57, 34.901, 192.581)
contains.

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Color

CIELCh(57, 34.916, 192.508)

Conversions

Conversions Part 1

Format	Color
Hex	009995
RGB	0, 153, 149
RGB Percent	0%, 60%, 58%
CMY	1.0000, 0.4003, 0.4160
CMYK	1.00, 0.00, 0.03, 0.40
HSL	178°, 100%, 30%
HSV	178°, 100%, 60%
XYZ	16.7935, 24.9227, 32.3275
YIQ	106.7970, -89.9040, -33.6800

Conversions

Conversions Part 2

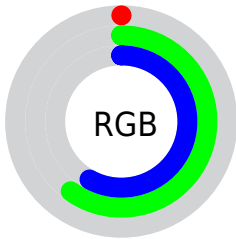
Format	Color
RYB	0, 78, 153
Decimal	39317
CIELab	57.00, -34.09, -7.56
CIElCh	57, 34.916, 192.508
Yxy	24.9227, 0.2268, 0.3366
Android (android.graphics.Color)	4278229397 (0xFF009995)
YUV	106.7970, 20.8061, -93.6610
Hunter-Lab	49.9226, -27.3187, -3.4476

Details

The CIELCh color **57, 34.916, 192.508** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31, 69.929, 38.474**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 34.966, 192.452**, and **38, 25.958, 192.170** is the 20% darker color. If you saturate the color by 10%, you get **57, 34.903, 192.507**, and if you desaturate by 10%, it is **57, 34.129, 192.878**.

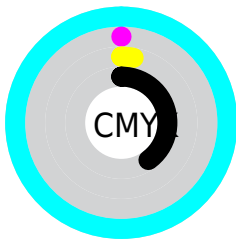
Distribution



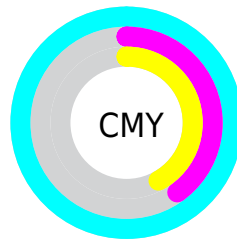
- Red (0%)
- Green (60%)
- Blue (58%)



- 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, 34.916, 192.508 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, 34.916, 192.508 by changing the saturation by 10% instead.


 57, 34.916,
192.508

 57, 34.916,
192.508

 100, 34.916,
192.508

 47, 34.916,
192.508

 77, 34.916,
192.508

 37, 34.916,
192.508

 87, 34.916,
192.508

 27, 34.916,
192.508

 97, 34.916,
192.508

 17, 34.916,
192.508

 7, 34.916, 192.508

 0, 34.916, 192.508

■ 57, 34.916,
192.508

■ 57, 34.916,
192.508

■ 57, 34.903,
192.507

■ 57, 34.129,
192.878

■ 57, 32.860,
193.258

■ 58, 30.900,
193.654

■ 58, 28.227,
194.075

■ 59, 24.859,
194.527

■ 59, 20.847,
195.013

■ 60, 16.266,
195.535

■ 61, 11.203,

196.095

■ 62, 5.752, 196.708

Harmonies

Complementary

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



57, 34.916, 192.508



31, 69.929, 38.474

Rectangle

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



57, 34.916, 192.508



57, 34.916, 242.508



57, 34.916, 12.508



57, 34.916, 62.508

Sweetspot

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



57, 34.903, 192.507



76, 20.108, 195.503



55, 81.578, 135.842



40, 13.486, 195.299



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, 34.903, 192.507



73, 42.420, 192.431



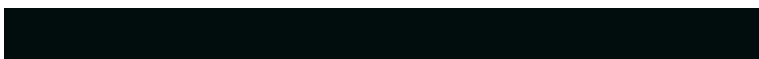
35, 45.458, 279.843



32, 3.258, 196.760



53, 32.762, 192.535



3, 3.601, 196.956

Inverse Universe

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



31, 69.929, 38.474



41, 85.592, 39.030



40, 58.847, 58.532



30, 3.439, 17.776



28, 65.238, 38.010



1, 3.600, 17.264

Previews

White Background



This preview shows how the CIELCh color 57, 34.916, 192.508 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, 34.916, 192.508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

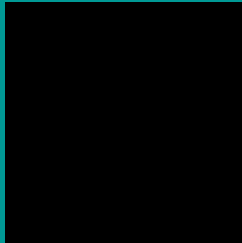
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 34.916, 192.508

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.916, 192.508.

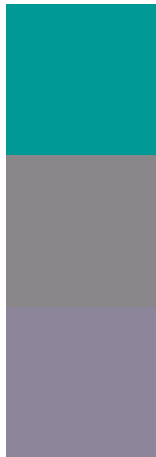


This preview shows how white text looks on a background with the CIELCh color 57, 34.916, 192.508.

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, 34.916, 192.508

Protanopia
57, 2.094, 324.463

Deuteranopia
57, 11.872, 306.154



Tritanopia
57, 30.932, 209.757

Trichromacy



Original Color
57, 34.916, 192.508



Protanomaly
55, 18.692, 197.637



Deuteranomaly
55, 17.873, 220.819



Tritanomaly
57, 32.341, 202.749

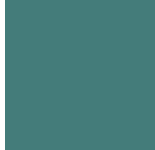
Monochromacy



Original Color
57, 34.916, 192.508



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, 34.916, 192.508 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.916, 192.508 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, 149) }
```

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

```
.border{ border-color:rgb(0, 153, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.916, 192.508 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, 149) }
```

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

```
.background{ background-color: rgb(0, 153,  
149) }
```

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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