

Converting Colors

CIELCh(57, 34.037, 198.329)

Have a look what the booklet for
CIELCh(57, 34.037, 198.329)
contains.

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Color

CIELCh(57, 33.770, 198.392)

Conversions

Conversions Part 1

Format	Color
Hex	01989A
RGB	1, 152, 154
RGB Percent	0%, 60%, 60%
CMY	0.9946, 0.4026, 0.3947
CMYK	0.99, 0.01, 0.00, 0.39
HSL	181°, 98%, 31%
HSV	181°, 99%, 61%
XYZ	17.1629, 24.9227, 34.6283
YIQ	107.0790, -90.6380, -31.3900

Conversions

Conversions Part 2

Format	Color
RYB	1, 77, 154
Decimal	104602
CIELab	57.00, -32.05, -10.65
CIElCh	57, 33.770, 198.392
Yxy	24.9227, 0.2237, 0.3249
Android (android.graphics.Color)	4278294682 (0xFF01989A)
YUV	107.0790, 23.1321, -93.0313
Hunter-Lab	49.9226, -25.9979, -6.1800

Details

The CIELCh color **57, 33.770, 198.392** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32, 70.790, 39.532**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 33.788, 197.927**, and **38, 24.781, 200.808** is the 20% darker color. If you saturate the color by 10%, you get **57, 33.822, 198.401**, and if you desaturate by 10%, it is **57, 33.118, 198.282**.

Distribution



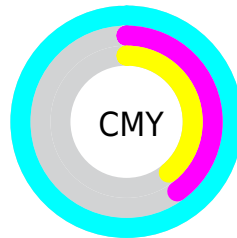
- Red (0%)
- Green (60%)
- Blue (60%)



- Red (0%)
- Yellow (30%)
- Blue (60%)



- Cyan (99%)
- Magenta (1%)
- Yellow (0%)
- Black (39%)





- Cyan (99%)
- Magenta (40%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 33.770, 198.392 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, 33.770, 198.392 by changing the saturation by 10% instead.


 57, 33.770,
198.392


 57, 33.770,
198.392


 100, 33.770,
198.392


 47, 33.770,
198.392


 77, 33.770,
198.392

 37, 33.770,
198.392

 87, 33.770,
198.392

 27, 33.770,
198.392

 97, 33.770,
198.392

 17, 33.770,
198.392

 7, 33.770, 198.392

 0, 33.770, 198.392

■ 57, 33.770,
198.392

■ 57, 33.770,
198.392

■ 57, 33.822,
198.401

■ 57, 33.118,
198.282

■ 57, 31.930,
198.239

■ 58, 30.045,
198.279

■ 58, 27.439,
198.402

■ 59, 24.133,
198.606

■ 60, 20.177,
198.885

■ 60, 15.646,
199.235

■ 61, 10.627,

199.650

■ 63, 5.210, 200.146

Harmonies

Complementary

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



57, 33.770, 198.392



32, 70.790, 39.532

Rectangle

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



57, 33.770, 198.392



57, 33.770, 248.392



57, 33.770, 18.392



57, 33.770, 68.392

Sweetspot

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



57, 33.769, 198.391



77, 19.917, 199.179



55, 82.098, 136.060



40, 13.484, 199.037



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, 33.769, 198.391



73, 41.186, 198.442



34, 48.519, 283.032



32, 3.206, 200.141



52, 31.542, 198.384



3, 3.542, 200.677

Inverse Universe

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



36, 78.458, 328.738



48, 95.777, 328.760



42, 57.988, 61.315



30, 5.888, 325.263



33, 73.334, 328.745



1, 6.322, 324.835

Previews

White Background



This preview shows how the CIELCh color 57, 33.770, 198.392 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, 33.770, 198.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

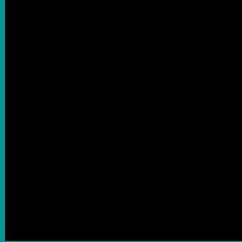
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

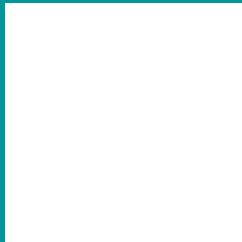
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 33.770, 198.392

Background



This preview shows how black text looks on a background with the CIELCh color 57, 33.770, 198.392.

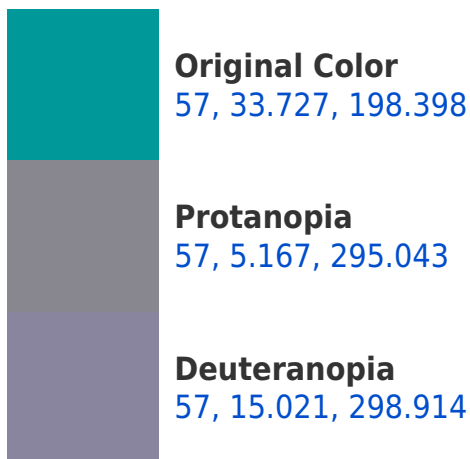



This preview shows how white text looks on a background with the CIELCh color 57, 33.770, 198.392.

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, 31.365, 209.542

Trichromacy



Original Color
57, 33.727, 198.398

Protanomaly
55, 18.512, 210.401

Deuteranomaly
55, 19.238, 228.761

Tritanomaly
57, 32.122, 205.974

Monochromacy



Original Color
57, 33.727, 198.398

Achromatopsia
45, 0.006, 296.813

Achromatomaly
48, 18.643, 199.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 33.770, 198.392 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(1, 152, 154)` looks like.

```
.text, #text, p{  
    color:rgb(1, 152, 154)  
}
```

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(1, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 152, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 33.770, 198.392 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(1, 152, 154) }
```

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

```
.border{ border-color:rgb(1, 152, 154) }
```

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

Here you see how a box with a 4 pixel rgb(1, 152, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(1, 152,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 33.770, 198.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 152, 154) }
```

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

```
.background{ background-color: rgb(1, 152,  
154) }
```

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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