

Converting Colors

CIELCh(56, 38.827, 193.867)

Have a look what the booklet for
CIELCh(56, 38.827, 193.867)
contains.

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Color

CIELCh(57, 34.568, 193.446)

Conversions

Conversions Part 1

Format	Color
Hex	039996
RGB	3, 153, 150
RGB Percent	1%, 60%, 59%
CMY	0.9883, 0.4009, 0.4127
CMYK	0.98, 0.00, 0.02, 0.40
HSL	179°, 96%, 31%
HSV	179°, 98%, 60%
XYZ	16.8775, 24.9227, 32.6748
YIQ	107.8080, -88.4370, -32.7330

Conversions

Conversions Part 2

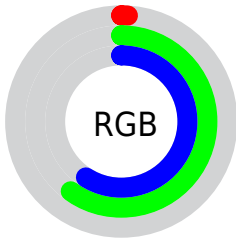
Format	Color
RYB	3, 79, 153
Decimal	235926
CIELab	57.00, -33.62, -8.04
CIELCh	57, 34.568, 193.446
Yxy	24.9227, 0.2266, 0.3346
Android (android.graphics.Color)	4278426006 (0xFF039996)
YUV	107.8080, 20.8007, -91.9166
Hunter-Lab	49.9226, -27.0185, -3.8600

Details

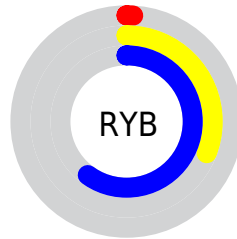
The CIELCh color **57, 34.568, 193.446** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31, 69.121, 38.224**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 34.624, 193.336**, and **38, 25.758, 193.555** is the 20% darker color. If you saturate the color by 10%, you get **57, 34.708, 193.387**, and if you desaturate by 10%, it is **57, 33.764, 193.749**.

Distribution



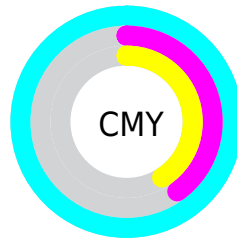
- Red (1%)
- Green (60%)
- Blue (59%)



- Red (1%)
- Yellow (31%)
- Blue (60%)



- Cyan (98%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (99%)
- Magenta (40%)
- Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 34.568, 193.446 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, 34.568, 193.446 by changing the saturation by 10% instead.

 57, 34.568,
193.446


 57, 34.568,
193.446

 100, 34.568,
193.446

 47, 34.568,
193.446

 77, 34.568,
193.446

 37, 34.568,
193.446

 87, 34.568,
193.446

 27, 34.568,
193.446

 97, 34.568,
193.446

 17, 34.568,
193.446

 7, 34.568, 193.446

 0, 34.568, 193.446

■ 57, 34.568,
193.446

■ 57, 34.568,
193.446

■ 57, 34.708,
193.387

■ 57, 33.764,
193.749

■ 57, 32.388,
194.070

■ 58, 30.314,
194.419

■ 58, 27.527,
194.803

■ 59, 24.051,
195.225

■ 59, 19.943,
195.688

■ 60, 15.279,
196.192

■ 61, 10.149,

196.739

■ 62, 4.644, 197.355

Harmonies

Complementary

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



57, 34.568, 193.446



31, 69.121, 38.224

Rectangle

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



57, 34.568, 193.446



57, 34.568, 243.446



57, 34.568, 13.446



57, 34.568, 63.446

Sweetspot

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



57, 34.568, 193.445



76, 19.480, 196.113



55, 81.014, 135.943



40, 13.138, 195.913



90, 0.011, 296.813



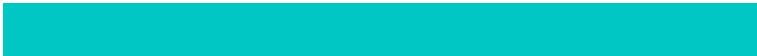
42, 0.006, 296.813

Same Dimension

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



57, 34.568, 193.445



73, 42.207, 193.328



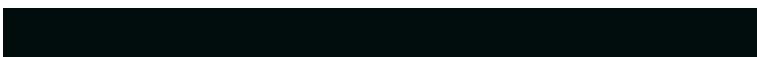
35, 44.557, 279.018



32, 3.255, 197.275



53, 32.603, 193.409



3, 3.599, 197.519

Inverse Universe

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



31, 69.121, 38.224



41, 85.843, 39.248



40, 57.771, 58.841



30, 3.438, 18.264



28, 65.438, 38.252



1, 3.598, 17.757

Previews

White Background



This preview shows how the CIELCh color 57, 34.568, 193.446 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, 34.568, 193.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

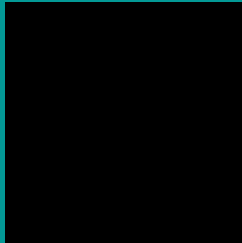
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 34.568, 193.446

Background



This preview shows how black text looks on a background with the CIELCh color 57, 34.568, 193.446.

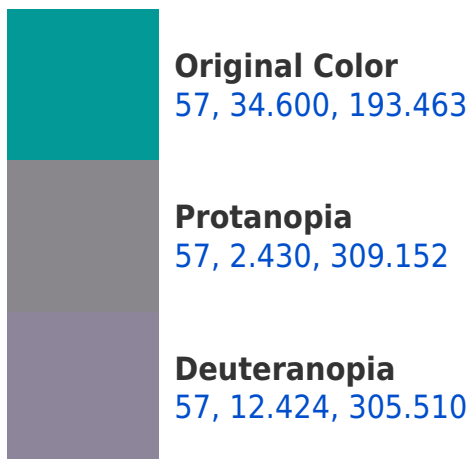


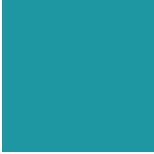
This preview shows how white text looks on a background with the CIELCh color 57, 34.568, 193.446.

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

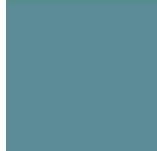
Trichromacy



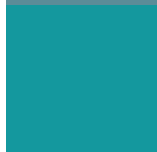
Original Color
57, 34.600, 193.463



Protanomaly
55, 18.270, 201.324



Deuteranomaly
55, 17.612, 221.198



Tritanomaly
57, 32.341, 202.749

Monochromacy



Original Color
57, 34.600, 193.463



Achromatopsia
46, 0.006, 296.813



Achromatomaly
48, 18.840, 195.625

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 34.568, 193.446 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, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(3, 153, 150)  
}
```

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, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 153, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 34.568, 193.446 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, 153, 150) }
```

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

```
.border{ border-color:rgb(3, 153, 150) }
```

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

Here you see how a box with a 4 pixel rgb(3, 153, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(3, 153,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 34.568, 193.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 153, 150) }
```

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

```
.background{ background-color: rgb(3, 153,  
150) }
```

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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