

Converting Colors

CIELCh(57, 36.034, 187.595)

Have a look what the booklet for
CIELCh(57, 36.034, 187.595)
contains.

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Color

CIELCh(57, 35.915, 187.880)

Conversions

Conversions Part 1

Format	Color
Hex	029990
RGB	2, 153, 144
RGB Percent	1%, 60%, 56%
CMY	0.9913, 0.3988, 0.4341
CMYK	0.99, 0.00, 0.06, 0.40
HSL	176°, 97%, 30%
HSV	176°, 99%, 60%
XYZ	16.5277, 24.9227, 30.4476
YIQ	106.8250, -87.1070, -34.8110

Conversions

Conversions Part 2

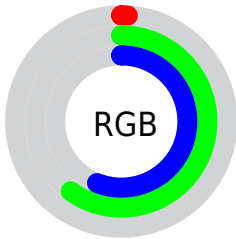
Format	Color
RYB	2, 80, 153
Decimal	170384
CIELab	57.00, -35.58, -4.92
CIELCh	57, 35.915, 187.880
Yxy	24.9227, 0.2299, 0.3466
Android (android.graphics.Color)	4278360464 (0xFF029990)
YUV	106.8250, 18.3273, -91.9315
Hunter-Lab	49.9226, -28.2694, -1.2149

Details

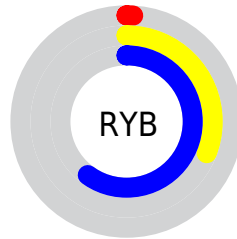
The CIELCh color **57, 35.915, 187.880** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32, 68.155, 36.723**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 35.813, 188.118**, and **38, 26.883, 186.849** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.043, 187.775**, and if you desaturate by 10%, it is **57, 34.962, 188.609**.

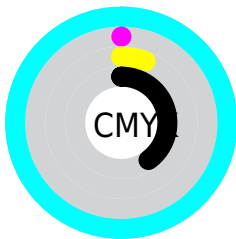
Distribution



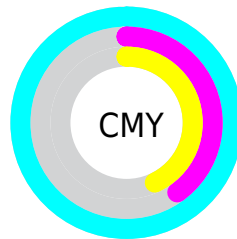
- Red (1%)
- Green (60%)
- Blue (56%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)





- Cyan (99%)
- Magenta (40%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 35.915, 187.880 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, 35.915, 187.880 by changing the saturation by 10% instead.


 57, 35.915,
187.880


 57, 35.915,
187.880


 100, 35.915,
187.880


 47, 35.915,
187.880


 77, 35.915,
187.880


 37, 35.915,
187.880


 87, 35.915,
187.880

 27, 35.915,
187.880

 97, 35.915,
187.880

 17, 35.915,
187.880

 7, 35.915, 187.880

 0, 35.915, 187.880

■ 57, 35.915,
187.880

■ 57, 35.915,
187.880

■ 57, 36.043,
187.775

■ 57, 34.962,
188.609

■ 57, 33.451,
189.308

■ 58, 31.243,
189.976

■ 58, 28.325,
190.627

■ 59, 24.726,
191.273

■ 59, 20.505,
191.921

■ 60, 15.746,
192.579

■ 61, 10.537,

193.252

■ 62, 4.974, 193.967

Harmonies

Complementary

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



57, 35.915, 187.880



32, 68.155, 36.723

Rectangle

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



57, 35.915, 187.880



57, 35.915, 237.880



57, 35.915, 7.880



57, 35.915, 57.880

Sweetspot

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



57, 35.915, 187.879



76, 20.312, 192.444



55, 81.161, 135.741



40, 13.635, 192.191



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, 35.915, 187.879



72, 43.753, 187.615



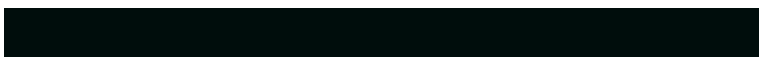
37, 42.021, 275.306



32, 3.275, 193.916



52, 33.758, 187.838



3, 3.617, 193.880

Inverse Universe

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



32, 68.155, 36.723



41, 84.280, 37.845



39, 59.079, 56.209



30, 3.445, 15.067



28, 64.151, 36.638



1, 3.613, 14.537

Previews

White Background



This preview shows how the CIELCh color 57, 35.915, 187.880 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, 35.915, 187.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

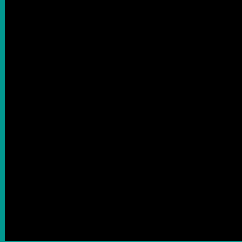
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.915, 187.880

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.915, 187.880.

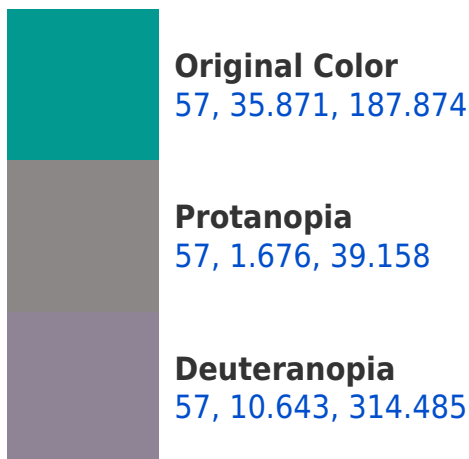


This preview shows how white text looks on a background with the CIELCh color 57, 35.915, 187.880.

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, 30.537, 209.958

Trichromacy



Original Color
57, 35.871, 187.874

Protanomaly
55, 18.873, 190.557

Deuteranomaly
55, 16.839, 211.832

Tritanomaly
57, 32.331, 200.671

Monochromacy



Original Color
57, 35.871, 187.874

Achromatopsia
45, 0.006, 296.813

Achromatomaly
48, 19.383, 192.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.915, 187.880 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(2, 153, 144)` looks like.

```
.text, #text, p{  
    color:rgb(2, 153, 144)  
}
```

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(2, 153, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 153, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.915, 187.880 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(2, 153, 144) }
```

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

```
.border{ border-color:rgb(2, 153, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 153, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 153, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 153, 144);  
box-shadow:4px 4px 4px 4px rgb(2, 153,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.915, 187.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 153, 144) }
```

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

```
.background{ background-color: rgb(2, 153,  
144) }
```

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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