

Converting Colors

CIELCh(57, 36.351, 186.400)

Have a look what the booklet for
CIELCh(57, 36.351, 186.400)
contains.

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Color

CIELCh(57, 36.102, 186.980)

Conversions

Conversions Part 1

Format	Color
Hex	03998F
RGB	3, 153, 143
RGB Percent	1%, 60%, 56%
CMY	0.9865, 0.3985, 0.4378
CMYK	0.98, 0.00, 0.07, 0.40
HSL	176°, 96%, 31%
HSV	176°, 98%, 60%
XYZ	16.4818, 24.9227, 30.0743
YIQ	107.0100, -86.1900, -34.9100

Conversions

Conversions Part 2

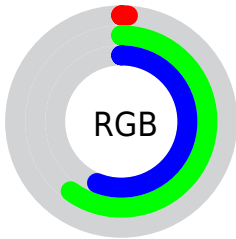
Format	Color
RYB	3, 81, 153
Decimal	235919
CIELab	57.00, -35.83, -4.39
CIELCh	57, 36.102, 186.980
Yxy	24.9227, 0.2306, 0.3487
Android (android.graphics.Color)	4278425999 (0xFF03998F)
YUV	107.0100, 17.7431, -91.2168
Hunter-Lab	49.9226, -28.4335, -0.7716

Details

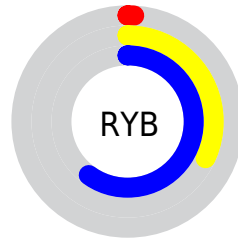
The CIELCh color **57, 36.102, 186.980** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **32, 67.490, 36.142**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 36.004, 187.277**, and **38, 27.143, 185.577** is the 20% darker color. If you saturate the color by 10%, you get **57, 36.309, 186.801**, and if you desaturate by 10%, it is **57, 35.089, 187.778**.

Distribution



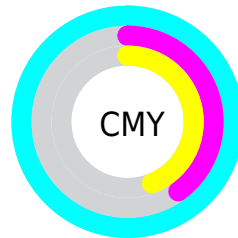
- Red (1%)
- Green (60%)
- Blue (56%)



- Red (1%)
- Yellow (32%)
- Blue (60%)



- Cyan (98%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)





- Cyan (99%)
- Magenta (40%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 36.102, 186.980 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, 36.102, 186.980 by changing the saturation by 10% instead.


 57, 36.102,
186.980


 57, 36.102,
186.980


 100, 36.102,
186.980


 47, 36.102,
186.980


 77, 36.102,
186.980

 37, 36.102,
186.980

 87, 36.102,
186.980

 27, 36.102,
186.980

 97, 36.102,
186.980

 17, 36.102,
186.980

 7, 36.102, 186.980

 0, 36.102, 186.980

■ 57, 36.102,
186.980

■ 57, 36.102,
186.980

■ 57, 36.309,
186.801

■ 57, 35.089,
187.778

■ 57, 33.490,
188.535

■ 58, 31.190,
189.254

■ 58, 28.183,
189.948

■ 59, 24.501,
190.631

■ 59, 20.207,
191.310

■ 60, 15.384,
191.994

■ 61, 10.125,

192.690

■ 62, 4.522, 193.430

Harmonies

Complementary

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



57, 36.102, 186.980



32, 67.490, 36.142

Rectangle

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



57, 36.102, 186.980



57, 36.102, 236.980



57, 36.102, 6.980



57, 36.102, 56.980

Sweetspot

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



57, 36.102, 186.979



76, 19.751, 191.869



55, 80.853, 135.668



40, 13.338, 191.601



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, 36.102, 186.979



72, 44.070, 186.625



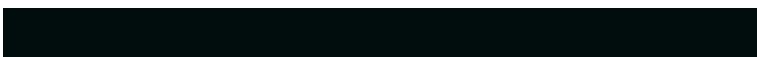
37, 40.377, 272.808



32, 3.280, 193.313



52, 33.995, 186.871



3, 3.622, 193.236

Inverse Universe

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



32, 67.490, 36.142



41, 83.986, 37.569



39, 59.125, 55.106



30, 3.448, 14.490



28, 63.923, 36.340



1, 3.616, 13.957

Previews

White Background



This preview shows how the CIELCh color 57, 36.102, 186.980 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, 36.102, 186.980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

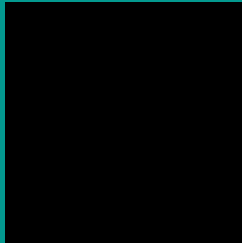
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 36.102, 186.980

Background



This preview shows how black text looks on a background with the CIELCh color 57, 36.102, 186.980.

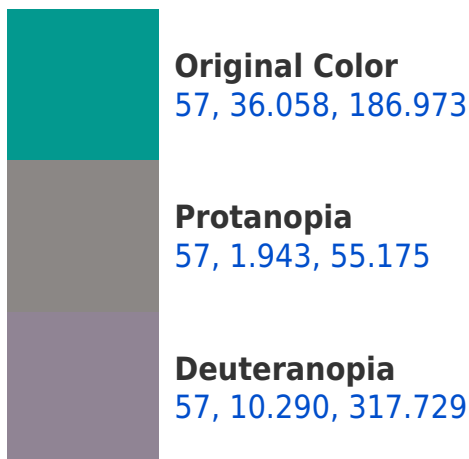


This preview shows how white text looks on a background with the CIELCh color 57, 36.102, 186.980.

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, 30.431, 210.013

Trichromacy



Original Color
57, 36.058, 186.973



Protanomaly
55, 18.735, 188.733



Deuteranomaly
55, 16.503, 210.065



Tritanomaly
57, 32.254, 200.687

Monochromacy



Original Color
57, 36.058, 186.973



Achromatopsia
45, 0.006, 296.813



Achromatomaly
48, 19.541, 190.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 36.102, 186.980 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(3, 153, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 153, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 36.102, 186.980 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, 143) }
```

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

```
.border{ border-color:rgb(3, 153, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(3, 153,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 36.102, 186.980 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, 143) }
```

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

```
.background{ background-color: rgb(3, 153,  
143) }
```

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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