

Converting Colors

CIELCh(57, 57.839, 184.898)

Have a look what the booklet for
CIELCh(57, 57.839, 184.898)
contains.

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Color

CIELCh(59, 39.227, 181.699)

Conversions

Conversions Part 1

Format	Color
Hex	00A08F
RGB	0, 160, 143
RGB Percent	0%, 63%, 56%
CMY	1.0000, 0.3733, 0.4398
CMYK	1.00, 0.00, 0.11, 0.37
HSL	174°, 100%, 31%
HSV	174°, 100%, 63%
XYZ	17.4296, 27.0277, 30.2298
YIQ	110.2220, -89.9030, -39.2070

Conversions

Conversions Part 2

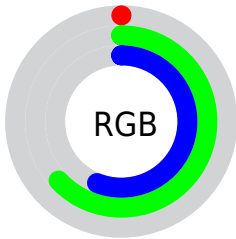
Format	Color
RYB	0, 84, 160
Decimal	41103
CIELab	59.00, -39.21, -1.16
CIELCh	59, 39.227, 181.699
Yxy	27.0277, 0.2334, 0.3619
Android (android.graphics.Color)	4278231183 (0xFF00A08F)
YUV	110.2220, 16.1596, -96.6647
Hunter-Lab	51.9882, -31.1355, 1.9161

Details

The CIELCh color **59, 39.227, 181.699** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 69.255, 34.999**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 38.764, 182.200**, and **40, 29.885, 179.228** is the 20% darker color. If you saturate the color by 10%, you get **59, 39.035, 181.644**, and if you desaturate by 10%, it is **59, 37.861, 182.799**.

Distribution



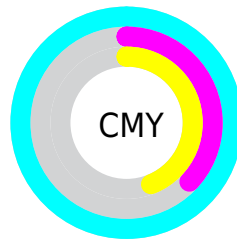
- Red (0%)
- Green (63%)
- Blue (56%)



- Red (0%)
- Yellow (33%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (37%)





- Cyan (100%)
- Magenta (37%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 39.227, 181.699 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 59, 39.227, 181.699 by changing the saturation by 10% instead.


 59, 39.227,
181.699

 59, 39.227,
181.699


 100, 39.227,
181.699


 49, 39.227,
181.699


 79, 39.227,
181.699

 39, 39.227,
181.699

 89, 39.227,
181.699

 29, 39.227,
181.699

 99, 39.227,
181.699

 19, 39.227,
181.699

 9, 39.227, 181.699

 0, 39.227, 181.699

■ 59, 39.227,
181.699

■ 59, 39.227,
181.699

■ 59, 39.035,
181.644

■ 59, 37.861,
182.799

■ 59, 36.168,
183.887

■ 60, 33.764,
184.888

■ 60, 30.633,
185.818

■ 61, 26.804,
186.696

■ 62, 22.342,
187.536

■ 62, 17.333,
188.351

■ 63, 11.874,

189.153

■ 65, 6.065, 189.964

Harmonies

Complementary

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



59, 39.227, 181.699



33, 69.255, 34.999

Rectangle

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



59, 39.227, 181.699



59, 39.227, 231.699



59, 39.227, 1.699



59, 39.227, 51.699

Sweetspot

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



59, 39.035, 181.644



79, 21.323, 188.306



57, 83.721, 135.370



41, 14.478, 187.985



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 39.035, 181.644



75, 47.329, 181.397



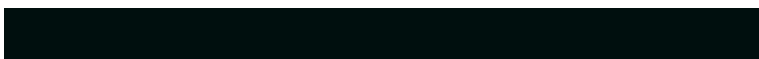
40, 39.854, 269.365



33, 3.404, 190.028



53, 35.906, 181.770



3, 4.560, 188.922

Inverse Universe

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



33, 69.255, 34.999



43, 84.633, 35.875



39, 63.457, 52.488



31, 3.563, 11.340



29, 63.437, 34.521



1, 4.529, 11.095

Previews

White Background



This preview shows how the CIE LCh color 59, 39.227, 181.699 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 59, 39.227, 181.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

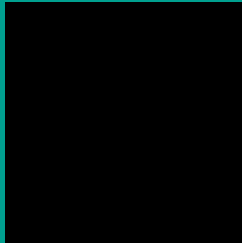
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 39.227, 181.699

Background



This preview shows how black text looks on a background with the CIELCh color 59, 39.227, 181.699.

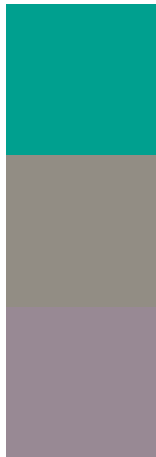


This preview shows how white text looks on a background with the CIELCh color 59, 39.227, 181.699.

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
59, 39.074, 181.623

Protanopia
59, 5.453, 87.971

Deuteranopia
59, 8.566, 333.578

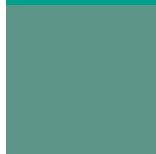


Tritanopia
59, 30.772, 210.927

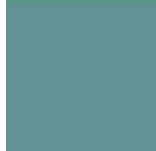
Trichromacy



Original Color
59, 39.074, 181.623



Protanomaly
57, 21.041, 178.375



Deuteranomaly
57, 16.821, 199.807



Tritanomaly
59, 33.214, 198.523

Monochromacy



Original Color
59, 39.074, 181.623



Achromatopsia
46, 0.006, 296.813



Achromatomaly
50, 20.716, 187.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 39.227, 181.699 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, 160, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 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(0, 160, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 39.227, 181.699 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, 160, 143) }
```

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

```
.border{ border-color:rgb(0, 160, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 39.227, 181.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 143) }
```

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

```
.background{ background-color: rgb(0, 160,  
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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