

Converting Colors

CIELCh(58, 43.497, 191.732)

Have a look what the booklet for
CIELCh(58, 43.497, 191.732)
contains.

CIELCh(59, 36.079, 191.726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 36.079, 191.726)

Conversions

Conversions Part 1

Format	Color
Hex	009F9A
RGB	0, 159, 154
RGB Percent	0%, 62%, 60%
CMY	1.0000, 0.3775, 0.3970
CMYK	1.00, 0.00, 0.03, 0.38
HSL	178°, 100%, 31%
HSV	178°, 100%, 62%
XYZ	18.1543, 27.0277, 34.7240
YIQ	110.8890, -93.1590, -35.2630

Conversions

Conversions Part 2

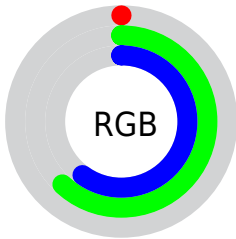
Format	Color
RYB	0, 81, 159
Decimal	40858
CIELab	59.00, -35.33, -7.33
CIELCh	59, 36.079, 191.726
Yxy	27.0277, 0.2272, 0.3382
Android (android.graphics.Color)	4278230938 (0xFF009F9A)
YUV	110.8890, 21.2537, -97.2497
Hunter-Lab	51.9882, -28.6472, -3.2093

Details

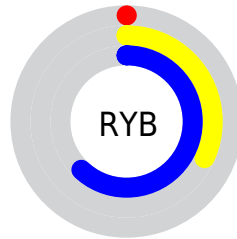
The CIELCh color **59, 36.079, 191.726** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33, 71.818, 38.406**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 36.008, 191.719**, and **40, 27.213, 191.075** is the 20% darker color. If you saturate the color by 10%, you get **59, 36.038, 191.723**, and if you desaturate by 10%, it is **59, 35.245, 192.156**.

Distribution



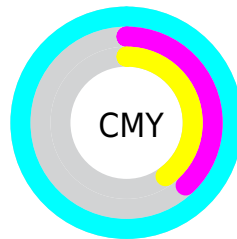
- Red (0%)
- Green (62%)
- Blue (60%)



- Red (0%)
- Yellow (32%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)





- Cyan (100%)
- Magenta (38%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 36.079, 191.726 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, 36.079, 191.726 by changing the saturation by 10% instead.


 59, 36.079,
191.726


 59, 36.079,
191.726


 100, 36.079,
191.726


 49, 36.079,
191.726


 79, 36.079,
191.726

 39, 36.079,
191.726

 89, 36.079,
191.726

 29, 36.079,
191.726

 99, 36.079,
191.726

 19, 36.079,
191.726

 9, 36.079, 191.726

 0, 36.079, 191.726

■ 59, 36.079,
191.726

■ 59, 36.079,
191.726

■ 59, 36.038,
191.723

■ 59, 35.245,
192.156

■ 59, 33.933,
192.592

■ 60, 31.908,
193.035

■ 60, 29.146,
193.496

■ 61, 25.665,
193.982

■ 61, 21.520,
194.496

■ 62, 16.788,
195.042

■ 63, 11.561,

195.621

■ 64, 5.934, 196.252

Harmonies

Complementary

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



59, 36.079, 191.726



33, 71.818, 38.406

Rectangle

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



59, 36.079, 191.726



59, 36.079, 241.726



59, 36.079, 11.726



59, 36.079, 61.726

Sweetspot

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



59, 36.038, 191.723



79, 20.759, 195.009



57, 83.856, 135.850



42, 14.064, 194.790



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, 36.038, 191.723



75, 43.838, 191.636



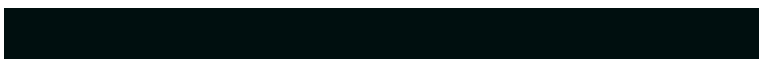
36, 46.859, 280.003



33, 3.350, 196.303



53, 33.343, 191.764



3, 4.483, 196.182

Inverse Universe

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



33, 71.818, 38.406



43, 87.880, 38.891



42, 60.529, 58.404



31, 3.535, 17.349



29, 66.018, 37.905



1, 4.480, 16.921

Previews

White Background



This preview shows how the CIELCh color 59, 36.079, 191.726 looks on a white background.

Color Contrast Check

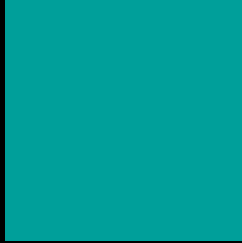
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.079, 191.726 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, 36.079, 191.726

Background



This preview shows how black text looks on a background with the CIELCh color 59, 36.079, 191.726.

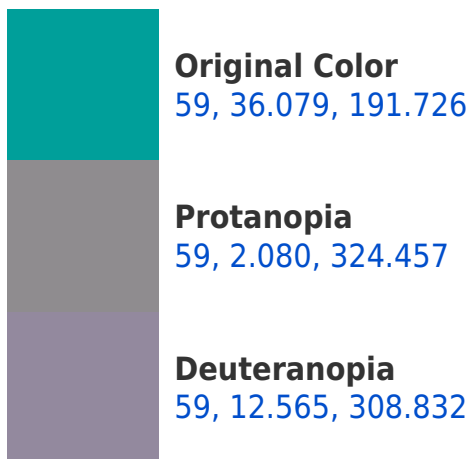


This preview shows how white text looks on a background with the CIELCh color 59, 36.079, 191.726.

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



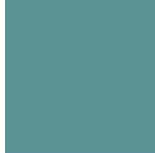


Tritanopia
59, 31.608, 210.485

Trichromacy



Original Color
59, 36.079, 191.726



Protanomaly
57, 19.247, 197.630



Deuteranomaly
57, 17.996, 218.522



Tritanomaly
59, 33.137, 202.562

Monochromacy



Original Color
59, 36.079, 191.726



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 19.666, 195.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 36.079, 191.726 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, 159, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 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(0, 159, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 36.079, 191.726 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, 159, 154) }
```

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

```
.border{ border-color:rgb(0, 159, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 36.079, 191.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 154) }
```

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

```
.background{ background-color: rgb(0, 159,  
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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