

Converting Colors

CIELCh(59, 36.054, 202.731)

Have a look what the booklet for
CIELCh(59, 36.054, 202.731)
contains.

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Color

CIELCh(59, 34.179, 203.283)

Conversions

Conversions Part 1

Format	Color
Hex	009EA5
RGB	0, 158, 165
RGB Percent	0%, 62%, 65%
CMY	1.0000, 0.3818, 0.3543
CMYK	1.00, 0.04, 0.00, 0.35
HSL	183°, 100%, 32%
HSV	183°, 100%, 65%
XYZ	18.9079, 27.0277, 39.6498
YIQ	111.5560, -96.4150, -31.3190

Conversions

Conversions Part 2

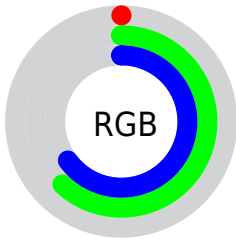
Format	Color
RYB	0, 81, 165
Decimal	40613
CIELab	59.00, -31.40, -13.51
CIELCh	59, 34.179, 203.283
Yxy	27.0277, 0.2209, 0.3158
Android (android.graphics.Color)	4278230693 (0xFF009EA5)
YUV	111.5560, 26.3479, -97.8346
Hunter-Lab	51.9882, -26.0598, -8.8269

Details

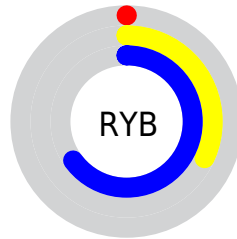
The CIELCh color **59, 34.179, 203.283** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **34, 74.580, 40.360**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 34.199, 203.426**, and **40, 25.451, 206.362** is the 20% darker color. If you saturate the color by 10%, you get **59, 34.122, 203.298**, and if you desaturate by 10%, it is **59, 33.611, 202.745**.

Distribution



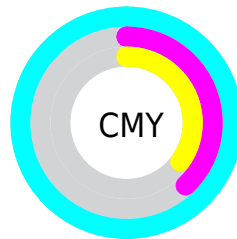
- Red (0%)
- Green (62%)
- Blue (65%)



- Red (0%)
- Yellow (32%)
- Blue (65%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 34.179, 203.283 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, 34.179, 203.283 by changing the saturation by 10% instead.

 59, 34.179,
203.283

 59, 34.179,
203.283

 100, 34.179,
203.283

 49, 34.179,
203.283

 79, 34.179,
203.283

 39, 34.179,
203.283

 89, 34.179,
203.283

 29, 34.179,
203.283

 99, 34.179,
203.283

 19, 34.179,
203.283

 9, 34.179, 203.283

 0, 34.179, 203.283

■ 59, 34.179,
203.283

■ 59, 34.179,
203.283

■ 59, 34.122,
203.298

■ 59, 33.611,
202.745

■ 60, 32.561,
202.312

■ 60, 30.779,
202.026

■ 61, 28.239,
201.878

■ 62, 24.960,
201.857

■ 63, 20.998,
201.949

■ 64, 16.429,
202.140

■ 65, 11.344,

202.420

■ 66, 5.837, 202.795

Harmonies

Complementary

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



59, 34.179, 203.283



34, 74.580, 40.360

Rectangle

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



59, 34.179, 203.283



59, 34.179, 253.283



59, 34.179, 23.283



59, 34.179, 73.283

Sweetspot

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



59, 34.122, 203.298



81, 20.308, 202.127



59, 85.686, 136.326



42, 13.609, 202.042



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 34.122, 203.298



75, 41.463, 203.434



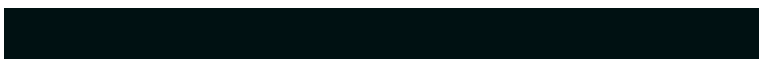
34, 55.110, 286.768



34, 3.284, 202.829



52, 31.157, 203.222



4, 5.170, 204.376

Inverse Universe

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



39, 80.594, 329.981



50, 97.967, 330.015



46, 60.601, 63.754



32, 6.089, 326.082



34, 73.577, 329.963



2, 9.339, 325.981

Previews

White Background



This preview shows how the CIELCh color 59, 34.179, 203.283 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, 34.179, 203.283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

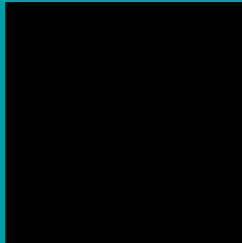
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.179, 203.283

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.179, 203.283.

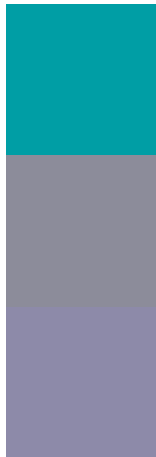


This preview shows how white text looks on a background with the CIELCh color 59, 34.179, 203.283.

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, 34.179, 203.283

Protanopia

59, 7.950, 291.094

Deuteranopia

59, 17.672, 295.656



Tritanopia
59, 32.778, 209.894

Trichromacy



Original Color
59, 34.179, 203.283

Protanomaly
57, 19.661, 218.368

Deuteranomaly
57, 21.066, 234.963

Tritanomaly
59, 33.220, 207.623

Monochromacy



Original Color
59, 34.179, 203.283

Achromatopsia
47, 0.006, 296.813

Achromatomaly
50, 19.336, 202.732

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.179, 203.283 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, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 165)  
}
```

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, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.179, 203.283 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, 158, 165) }
```

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

```
.border{ border-color:rgb(0, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.179, 203.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 165) }
```

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

```
.background{ background-color: rgb(0, 158,  
165) }
```

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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