

Converting Colors

CIELCh(58, 43.297, 216.164)

Have a look what the booklet for
CIELCh(58, 43.297, 216.164)
contains.

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Color

CIELCh(59, 34.034, 222.936)

Conversions

Conversions Part 1

Format	Color
Hex	009CB6
RGB	0, 156, 182
RGB Percent	0%, 61%, 71%
CMY	1.0000, 0.3892, 0.2873
CMYK	1.00, 0.14, 0.00, 0.29
HSL	189°, 100%, 36%
HSV	189°, 100%, 71%
XYZ	20.1951, 27.0277, 48.2642
YIQ	112.3200, -101.3220, -24.9860

Conversions

Conversions Part 2

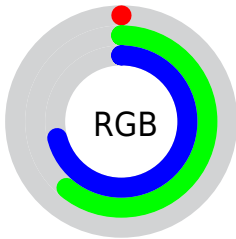
Format	Color
RYB	0, 84, 182
Decimal	40118
CIELab	59.00, -24.92, -23.18
CIELCh	59, 34.034, 222.936
Yxy	27.0277, 0.2115, 0.2831
Android (android.graphics.Color)	4278230198 (0xFF009CB6)
YUV	112.3200, 34.3522, -98.5046
Hunter-Lab	51.9882, -21.6401, -18.6512

Details

The CIELCh color **59, 34.034, 222.936** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **39, 78.584, 42.019**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 33.876, 222.920**, and **40, 26.374, 232.958** is the 20% darker color. If you saturate the color by 10%, you get **59, 33.852, 223.097**, and if you desaturate by 10%, it is **60, 33.357, 220.598**.

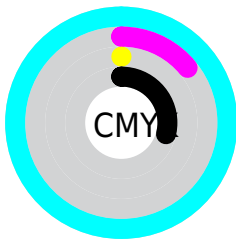
Distribution



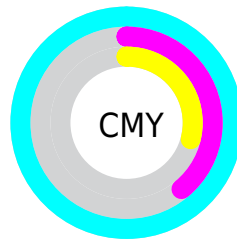
- Red (0%)
- Green (61%)
- Blue (71%)



- Red (0%)
- Yellow (33%)
- Blue (71%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)





- Cyan (100%)
- Magenta (39%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 34.034, 222.936 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, 34.034, 222.936 by changing the saturation by 10% instead.


 59, 34.034,
222.936

 59, 34.034,
222.936


 100, 34.034,
222.936

 49, 34.034,
222.936


 79, 34.034,
222.936

 39, 34.034,
222.936

 89, 34.034,
222.936

 29, 34.034,
222.936

 99, 34.034,
222.936

 19, 34.034,
222.936

 9, 34.034, 222.936

 0, 34.034, 222.936

■ 59, 34.034,
222.936

■ 59, 34.034,
222.936

■ 59, 33.852,
223.097

■ 60, 33.357,
220.598

■ 61, 32.330,
218.497

■ 62, 30.577,
216.842

■ 63, 28.063,
215.576

■ 65, 24.807,
214.638

■ 66, 20.866,
213.973

■ 68, 16.324,
213.531

■ 70, 11.272,

213.274

■ 72, 5.802, 213.186

Harmonies

Complementary

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



59, 34.034, 222.936



39, 78.584, 42.019

Rectangle

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



59, 34.034, 222.936



59, 34.034, 272.936



59, 34.034, 42.936



59, 34.034, 92.936

Sweetspot

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



59, 33.852, 223.097



87, 20.226, 213.549



64, 89.876, 137.374



45, 13.677, 213.715



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 33.852, 223.097



75, 41.298, 223.619



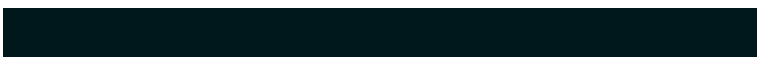
33, 71.724, 294.582



38, 3.320, 213.188



51, 30.192, 222.733



7, 8.776, 219.729

Inverse Universe

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



42, 80.145, 334.868



54, 97.649, 335.000



54, 63.992, 72.543



36, 6.261, 329.135



35, 71.542, 334.776



3, 16.270, 331.005

Previews

White Background



This preview shows how the CIE LCh color 59, 34.034, 222.936 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, 34.034, 222.936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

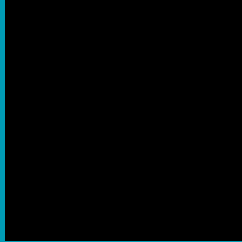
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.034, 222.936

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.034, 222.936.

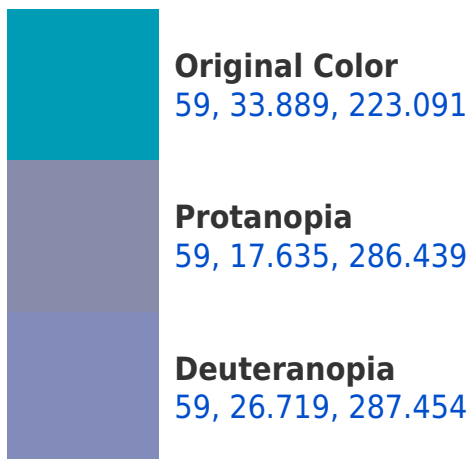


This preview shows how white text looks on a background with the CIELCh color 59, 34.034, 222.936.

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, 33.639, 209.487

Trichromacy



Original Color
59, 33.889, 223.091



Protanomaly
58, 24.032, 241.972



Deuteranomaly
58, 27.850, 251.826



Tritanomaly
59, 33.582, 213.647

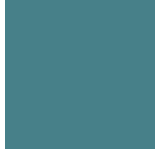
Monochromacy



Original Color
59, 33.889, 223.091



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 19.358, 213.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.034, 222.936 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, 156, 182)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 182)  
}
```

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, 156, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.034, 222.936 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, 156, 182) }
```

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

```
.border{ border-color:rgb(0, 156, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 182);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.034, 222.936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 182) }
```

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

```
.background{ background-color: rgb(0, 156,  
182) }
```

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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