

Converting Colors

CIELCh(59, 35.398, 235.687)

Have a look what the booklet for
CIELCh(59, 35.398, 235.687)
contains.

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Color

CIELCh(59, 35.301, 235.445)

Conversions

Conversions Part 1

Format	Color
Hex	079AC0
RGB	7, 154, 192
RGB Percent	3%, 60%, 75%
CMY	0.9730, 0.3954, 0.2463
CMYK	0.96, 0.20, 0.00, 0.25
HSL	192°, 93%, 39%
HSV	192°, 96%, 75%
XYZ	21.2053, 27.0277, 54.0755
YIQ	114.3790, -99.8100, -19.3460

Conversions

Conversions Part 2

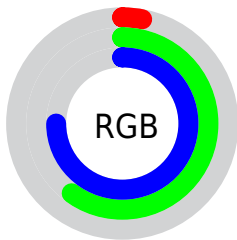
Format	Color
RYB	7, 89, 192
Decimal	498368
CIELab	59.00, -20.02, -29.07
CIELCh	59, 35.301, 235.445
Yxy	27.0277, 0.2073, 0.2642
Android (android.graphics.Color)	4278688448 (0xFF079AC0)
YUV	114.3790, 38.2672, -94.1714
Hunter-Lab	51.9882, -18.1716, -25.2787

Details

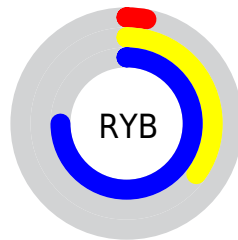
The CIELCh color **59, 35.301, 235.445** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **43, 77.674, 43.386**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 35.320, 235.384**, and **40, 28.907, 245.769** is the 20% darker color. If you saturate the color by 10%, you get **59, 35.624, 236.799**, and if you desaturate by 10%, it is **60, 34.281, 231.834**.

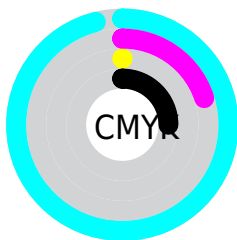
Distribution



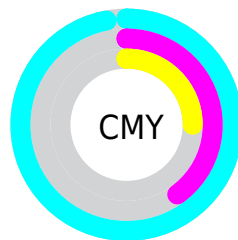
- Red (3%)
- Green (60%)
- Blue (75%)



- Red (3%)
- Yellow (35%)
- Blue (75%)



- Cyan (96%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)





- Cyan (97%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 35.301, 235.445 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, 35.301, 235.445 by changing the saturation by 10% instead.


 59, 35.301,
235.445

 59, 35.301,
235.445


 100, 35.301,
235.445

 49, 35.301,
235.445


 79, 35.301,
235.445

 39, 35.301,
235.445

 89, 35.301,
235.445

 29, 35.301,
235.445

 99, 35.301,
235.445

 19, 35.301,
235.445

 9, 35.301, 235.445

 0, 35.301, 235.445

■ 59, 35.301,
235.445

■ 59, 35.301,
235.445

■ 59, 35.624,
236.799

■ 60, 34.281,
231.834

■ 62, 32.698,
228.851

■ 64, 30.438,
226.464

■ 65, 27.469,
224.594

■ 67, 23.814,
223.156

■ 69, 19.534,
222.073

■ 71, 14.711,
221.276

■ 74, 9.433, 220.714

Harmonies

Complementary

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



59, 35.301, 235.445



43, 77.674, 43.386

Rectangle

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



59, 35.301, 235.445



59, 35.301, 285.445



59, 35.301, 55.445



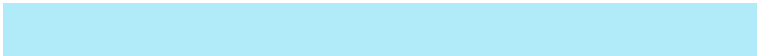
59, 35.301, 105.445

Sweetspot

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



59, 35.300, 235.445



90, 19.773, 221.491



68, 89.599, 139.014



47, 13.348, 221.836



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



59, 35.300, 235.445



75, 43.483, 237.512



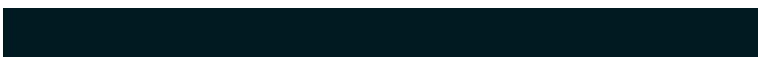
33, 80.285, 297.337



40, 3.341, 220.453



49, 31.148, 236.210



8, 10.374, 228.321

Inverse Universe

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



44, 79.378, 338.108



56, 96.816, 338.706



61, 66.054, 79.478



38, 6.266, 331.259



36, 69.898, 338.337



4, 19.933, 334.816

Previews

White Background



This preview shows how the CIE LCh color 59, 35.301, 235.445 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 CIE LCh color 59, 35.301, 235.445 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, 35.301, 235.445

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.301, 235.445.

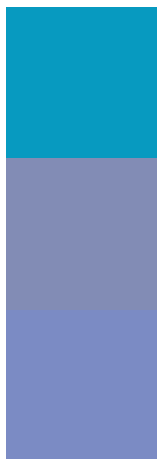


This preview shows how white text looks on a background with the CIELCh color 59, 35.301, 235.445.

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, 35.273, 235.482

Protanopia

59, 23.398, 284.501

Deuteranopia

59, 32.538, 284.866



Tritanopia
59, 33.678, 208.452

Trichromacy



Original Color
59, 35.273, 235.482



Protanomaly
58, 27.972, 253.512



Deuteranomaly
58, 32.611, 260.032



Tritanomaly
59, 33.428, 218.007

Monochromacy



Original Color
59, 35.273, 235.482



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.014, 221.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.301, 235.445 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(7, 154, 192)` looks like.

```
.text, #text, p{  
    color:rgb(7, 154, 192)  
}
```

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(7, 154, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 154, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.301, 235.445 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(7, 154, 192) }
```

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

```
.border{ border-color:rgb(7, 154, 192) }
```

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

Here you see how a box with a 4 pixel rgb(7, 154, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 154, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 154, 192);  
box-shadow:4px 4px 4px 4px rgb(7, 154,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.301, 235.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 154, 192) }
```

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

```
.background{ background-color: rgb(7, 154,  
192) }
```

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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