

Converting Colors

CIELCh(59, 38.111, 245.260)

Have a look what the booklet for
CIELCh(59, 38.111, 245.260)
contains.

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Color

CIELCh(59, 38.073, 245.120)

Conversions

Conversions Part 1

Format	Color
Hex	0399CA
RGB	3, 153, 202
RGB Percent	1%, 60%, 79%
CMY	0.9899, 0.4004, 0.2082
CMYK	0.99, 0.24, 0.00, 0.21
HSL	195°, 97%, 40%
HSV	195°, 99%, 79%
XYZ	22.0565, 27.0277, 59.8698
YIQ	113.7360, -105.1290, -16.5610

Conversions

Conversions Part 2

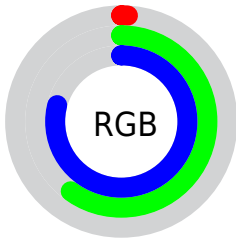
Format	Color
R _Y B	3, 89, 202
Decimal	235978
CIE Lab	59.00, -16.02, -34.54
CIE LCh	59, 38.073, 245.120
Yxy	27.0277, 0.2024, 0.2481
Android (android.graphics.Color)	4278426058 (0xFF0399CA)
YUV	113.7360, 43.5142, -97.1155
Hunter-Lab	51.9882, -15.2489, -31.8868

Details

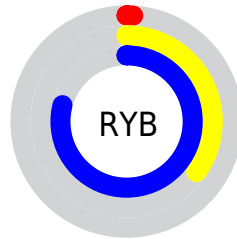
The CIELCh color **59, 38.073, 245.120** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 80.806, 44.898**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 36.927, 242.453**, and **41, 32.926, 257.128** is the 20% darker color. If you saturate the color by 10%, you get **59, 38.258, 245.681**, and if you desaturate by 10%, it is **61, 36.631, 240.762**.

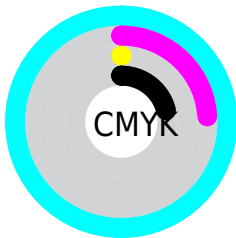
Distribution



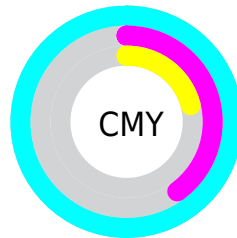
- Red (1%)
- Green (60%)
- Blue (79%)



- Red (1%)
- Yellow (35%)
- Blue (79%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)





- Cyan (99%)
- Magenta (40%)
- Yellow (21%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 38.073, 245.120 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, 38.073, 245.120 by changing the saturation by 10% instead.


 59, 38.073,
245.120


 59, 38.073,
245.120


 100, 38.073,
245.120


 49, 38.073,
245.120


 79, 38.073,
245.120

 39, 38.073,
245.120

 89, 38.073,
245.120

 29, 38.073,
245.120

 99, 38.073,
245.120

 19, 38.073,
245.120

 9, 38.073, 245.120

 0, 38.073, 245.120

■ 59, 38.073,
245.120

■ 59, 38.073,
245.120

■ 59, 38.258,
245.681

■ 61, 36.631,
240.762

■ 62, 34.787,
237.017

■ 64, 32.358,
233.949

■ 66, 29.275,
231.493

■ 69, 25.537,
229.561

■ 71, 21.188,
228.061

■ 74, 16.300,
226.912

■ 76, 10.955,

226.049

■ 79, 5.236, 225.442

Harmonies

Complementary

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



59, 38.073, 245.120



46, 80.806, 44.898

Rectangle

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



59, 38.073, 245.120



59, 38.073, 295.120



59, 38.073, 65.120



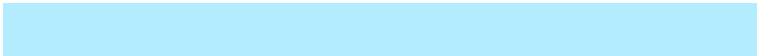
59, 38.073, 115.120

Sweetspot

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



59, 38.072, 245.121



90, 20.460, 227.084



71, 92.458, 139.401



47, 13.747, 227.559



0, 0.000, 0.000



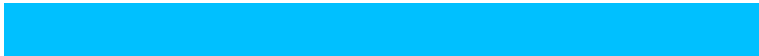
53, 0.007, 296.813

Same Dimension

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



59, 38.072, 245.121



73, 45.785, 246.384



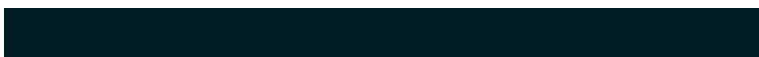
32, 89.860, 299.738



42, 3.428, 225.473



49, 32.921, 244.961



9, 11.786, 234.328

Inverse Universe

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



45, 80.134, 340.994



57, 95.407, 341.404



65, 69.656, 81.989



40, 6.350, 332.757



37, 69.441, 340.946



5, 23.747, 337.707

Previews

White Background



This preview shows how the CIE LCh color 59, 38.073, 245.120 looks on a white background.

Color Contrast Check

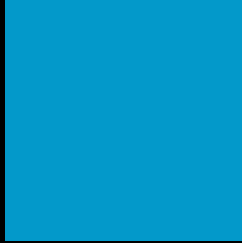
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.073, 245.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

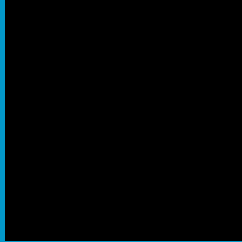
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 38.073, 245.120

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.073, 245.120.

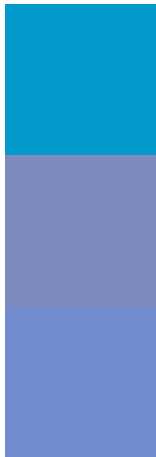


This preview shows how white text looks on a background with the CIELCh color 59, 38.073, 245.120.

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

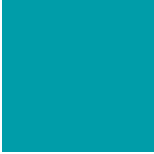
59, 38.073, 245.120

Protanopia

59, 29.659, 285.338

Deuteranopia

59, 37.257, 282.668



Tritanopia
59, 33.678, 208.452

Trichromacy



Original Color
59, 38.073, 245.120

Protanomaly
58, 32.964, 261.144

Deuteranomaly
58, 37.246, 263.784

Tritanomaly
59, 33.765, 222.096

Monochromacy



Original Color
59, 38.073, 245.120

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 20.115, 229.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.073, 245.120 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(3, 153, 202)` looks like.

```
.text, #text, p{  
    color:rgb(3, 153, 202)  
}
```

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(3, 153, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 153, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 38.073, 245.120 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(3, 153, 202) }
```

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

```
.border{ border-color:rgb(3, 153, 202) }
```

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

Here you see how a box with a 4 pixel rgb(3, 153, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 153, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 153, 202);  
box-shadow:4px 4px 4px 4px rgb(3, 153,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 38.073, 245.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 153, 202) }
```

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

```
.background{ background-color: rgb(3, 153,  
202) }
```

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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