

Converting Colors

CIELCh(59, 38.180, 245.572)

Have a look what the booklet for
CIELCh(59, 38.180, 245.572)
contains.

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Color

CIELCh(59, 38.051, 245.158)

Conversions

Conversions Part 1

Format	Color
Hex	0399CA
RGB	3, 153, 202
RGB Percent	1%, 60%, 79%
CMY	0.9863, 0.4004, 0.2083
CMYK	0.98, 0.24, 0.00, 0.21
HSL	195°, 97%, 40%
HSV	195°, 98%, 79%
XYZ	22.0635, 27.0277, 59.8596
YIQ	113.7360, -105.1290, -16.5610

Conversions

Conversions Part 2

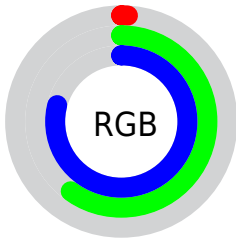
Format	Color
R_{YB}	3, 89, 202
Decimal	235978
CIE _{Lab}	59.00, -15.99, -34.53
CIE _{LCh}	59, 38.051, 245.158
Yxy	27.0277, 0.2025, 0.2481
Android (android.graphics.Color)	4278426058 (0xFF0399CA)
YUV	113.7360, 43.5142, -97.1155
Hunter-Lab	51.9882, -15.2251, -31.8752

Details

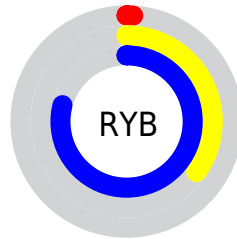
The CIELCh color **59, 38.051, 245.158** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 80.445, 44.946**, and the grayscale version is **48, 0.006, 296.813**.

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, 38.303, 245.919**, and if you desaturate by 10%, it is **61, 36.586, 240.801**.

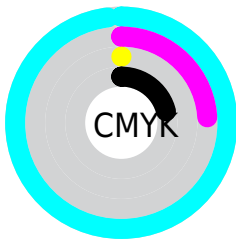
Distribution



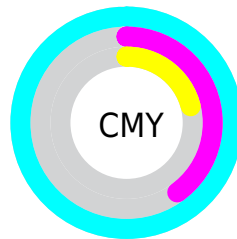
- Red (1%)
- Green (60%)
- Blue (79%)



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



- Cyan (98%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)





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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 38.051, 245.158 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, 38.051, 245.158 by changing the saturation by 10% instead.


 59, 38.051,
245.158


 59, 38.051,
245.158


 100, 38.051,
245.158


 49, 38.051,
245.158


 79, 38.051,
245.158

 39, 38.051,
245.158

 89, 38.051,
245.158

 29, 38.051,
245.158

 99, 38.051,
245.158

 19, 38.051,
245.158

 9, 38.051, 245.158

 0, 38.051, 245.158

■ 59, 38.051,
245.158

■ 59, 38.051,
245.158

■ 59, 38.303,
245.919

■ 61, 36.586,
240.801

■ 62, 34.707,
237.072

■ 64, 32.241,
234.020

■ 67, 29.122,
231.578

■ 69, 25.352,
229.656

■ 71, 20.975,
228.165

■ 74, 16.064,
227.023

■ 76, 10.701,

226.165

■ 79, 4.969, 225.564

Harmonies

Complementary

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



59, 38.051, 245.158



46, 80.445, 44.946

Rectangle

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



59, 38.051, 245.158



59, 38.051, 295.158



59, 38.051, 65.158



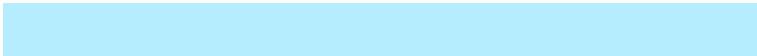
59, 38.051, 115.158

Sweetspot

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



59, 38.050, 245.159



91, 19.842, 227.136



71, 92.240, 139.471



47, 13.410, 227.606



0, 0.000, 0.000



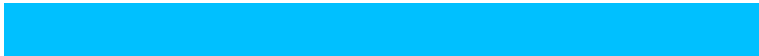
53, 0.007, 296.813

Same Dimension

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



59, 38.050, 245.159



73, 45.845, 246.625



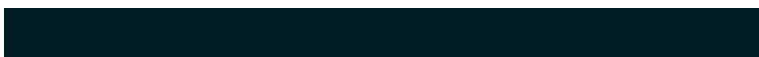
32, 89.437, 299.609



42, 3.427, 225.617



49, 32.960, 245.197



9, 11.790, 234.533

Inverse Universe

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



46, 80.039, 341.005



57, 95.330, 341.483



65, 69.553, 82.078



40, 6.345, 332.801



37, 69.386, 341.022



5, 23.725, 337.768

Previews

White Background



This preview shows how the CIELCh color 59, 38.051, 245.158 looks on a white background.

Color Contrast Check

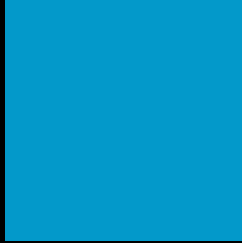
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.051, 245.158 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, 38.051, 245.158

Background



This preview shows how black text looks on a background with the CIELCh color 59, 38.051, 245.158.



This preview shows how white text looks on a background with the CIELCh color 59, 38.051, 245.158.

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

Trichromacy



Original Color
59, 38.073, 245.120

Protanomaly
58, 32.964, 261.144

Deuteranomaly
58, 37.246, 263.784

Monochromacy



Original Color
59, 38.073, 245.120

Achromatopsia
48, 0.006, 296.813

Achromatomaly
51, 19.899, 230.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 38.051, 245.158 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, 38.051, 245.158 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, 38.051, 245.158 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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