

Converting Colors

CIELCh(57, 42.360, 245.407)

Have a look what the booklet for
CIELCh(57, 42.360, 245.407)
contains.

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Color

CIELCh(58, 39.358, 249.857)

Conversions

Conversions Part 1

Format	Color
Hex	0295CB
RGB	2, 149, 203
RGB Percent	1%, 58%, 80%
CMY	0.9922, 0.4142, 0.2023
CMYK	0.99, 0.27, 0.00, 0.20
HSL	196°, 98%, 40%
HSV	196°, 99%, 80%
XYZ	21.6614, 25.9610, 60.6262
YIQ	111.2030, -104.9460, -14.3700

Conversions

Conversions Part 2

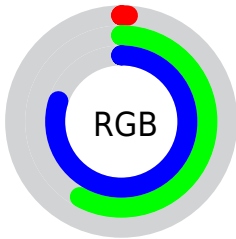
Format	Color
R _Y B	2, 87, 203
Decimal	169419
CIE Lab	58.00, -13.55, -36.95
CIE LCh	58, 39.358, 249.857
Yxy	25.9610, 0.2001, 0.2398
Android (android.graphics.Color)	4278359499 (0xFF0295CB)
YUV	111.2030, 45.2559, -95.7710
Hunter-Lab	50.9519, -13.2794, -34.8811

Details

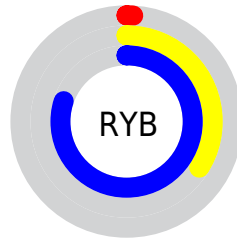
The CIELCh color **58, 39.358, 249.857** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 80.582, 45.808**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 37.593, 246.483**, and **39, 34.911, 262.622** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.534, 250.310**, and if you desaturate by 10%, it is **60, 37.594, 245.235**.

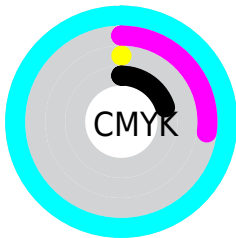
Distribution



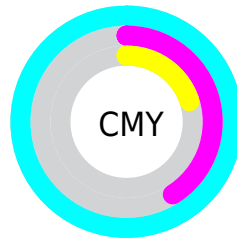
- Red (1%)
- Green (58%)
- Blue (80%)



- Red (1%)
- Yellow (34%)
- Blue (80%)



- Cyan (99%)
- Magenta (27%)
- Yellow (0%)
- Black (20%)





- Cyan (99%)
- Magenta (41%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 39.358, 249.857 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 58, 39.358, 249.857 by changing the saturation by 10% instead.


 58, 39.358,
249.857


 58, 39.358,
249.857


 100, 39.358,
249.857


 48, 39.358,
249.857


 78, 39.358,
249.857

 38, 39.358,
249.857

 88, 39.358,
249.857

 28, 39.358,
249.857

 98, 39.358,
249.857

 18, 39.358,
249.857

 8, 39.358, 249.857

 0, 39.358, 249.857

■ 58, 39.358,
249.857

■ 58, 39.358,
249.857

■ 58, 39.534,
250.310

■ 60, 37.594,
245.235

■ 62, 35.503,
241.201

■ 64, 32.889,
237.860

■ 66, 29.671,
235.158

■ 68, 25.838,
233.010

■ 71, 21.426,
231.324

■ 74, 16.499,
230.015

■ 76, 11.134,

229.011

■ 79, 5.411, 228.278

Harmonies

Complementary

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



58, 39.358, 249.857



46, 80.582, 45.808

Rectangle

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



58, 39.358, 249.857



58, 39.358, 299.857



58, 39.358, 69.857



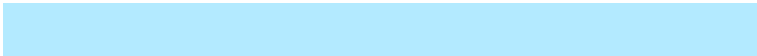
58, 39.358, 119.857

Sweetspot

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



58, 39.357, 249.858



90, 20.399, 230.175



72, 91.264, 140.213



46, 13.718, 230.713



0, 0.000, 0.000



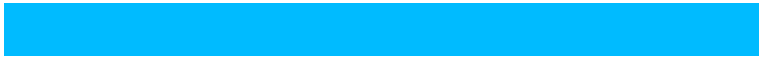
53, 0.007, 296.813

Same Dimension

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



58, 39.357, 249.858



71, 47.099, 251.020



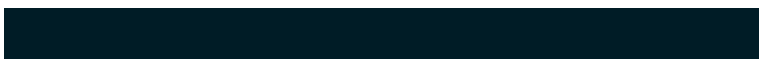
31, 94.670, 301.202



42, 3.408, 228.300



48, 33.783, 249.528



9, 11.875, 238.362

Inverse Universe

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



46, 79.354, 342.569



57, 93.923, 342.978



67, 70.865, 84.959



40, 6.249, 333.620



37, 68.378, 342.457



5, 23.318, 338.931

Previews

White Background



This preview shows how the CIE LCh color 58, 39.358, 249.857 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 58, 39.358, 249.857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

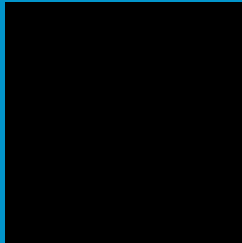
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 39.358, 249.857

Background



This preview shows how black text looks on a background with the CIELCh color 58, 39.358, 249.857.

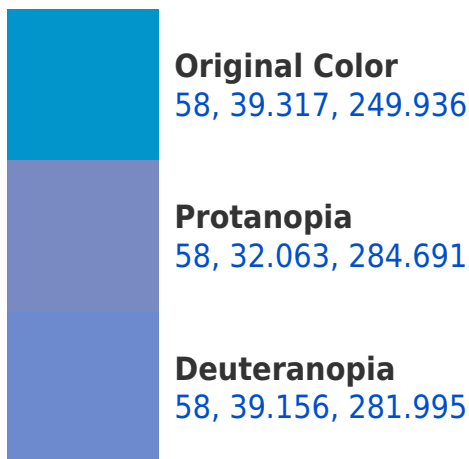


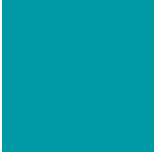
This preview shows how white text looks on a background with the CIELCh color 58, 39.358, 249.857.

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
58, 33.195, 208.673

Trichromacy



Original Color
58, 39.317, 249.936



Protanomaly
57, 34.890, 263.625



Deuteranomaly
57, 39.211, 266.118



Tritanomaly
58, 33.502, 225.832

Monochromacy



Original Color
58, 39.317, 249.936



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 20.354, 233.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 39.358, 249.857 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(2, 149, 203)` looks like.

```
.text, #text, p{  
    color:rgb(2, 149, 203)  
}
```

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(2, 149, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 149, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 39.358, 249.857 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(2, 149, 203) }
```

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

```
.border{ border-color:rgb(2, 149, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 149, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 149, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 149, 203);  
box-shadow:4px 4px 4px 4px rgb(2, 149,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 39.358, 249.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 149, 203) }
```

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

```
.background{ background-color: rgb(2, 149,  
203) }
```

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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