

Converting Colors

CIELCh(59, 35.729, 237.356)

Have a look what the booklet for
CIELCh(59, 35.729, 237.356)
contains.

CIELCh(59, 35.715, 237.323)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 35.715, 237.323)

Conversions

Conversions Part 1

Format	Color
Hex	079AC2
RGB	7, 154, 194
RGB Percent	3%, 60%, 76%
CMY	0.9735, 0.3963, 0.2394
CMYK	0.97, 0.21, 0.00, 0.24
HSL	193°, 93%, 39%
HSV	193°, 97%, 76%
XYZ	21.3609, 27.0277, 55.0949
YIQ	114.6070, -100.4520, -18.7240

Conversions

Conversions Part 2

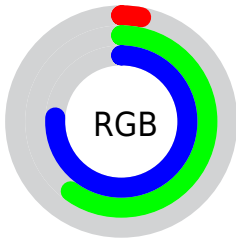
Format	Color
R_{YB}	7, 89, 194
Decimal	498370
CIE _{Lab}	59.00, -19.28, -30.06
CIE _{LCh}	59, 35.715, 237.323
Yxy	27.0277, 0.2064, 0.2612
Android (android.graphics.Color)	4278688450 (0xFF079AC2)
YUV	114.6070, 39.1407, -94.3713
Hunter-Lab	51.9882, -17.6372, -26.4413

Details

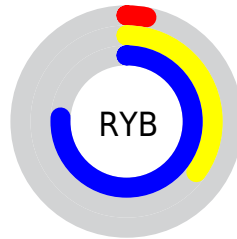
The CIELCh color **59, 35.715, 237.323** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **43, 77.999, 43.697**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 35.785, 237.033**, and **41, 29.572, 247.984** is the 20% darker color. If you saturate the color by 10%, you get **59, 36.062, 238.691**, and if you desaturate by 10%, it is **60, 34.614, 233.557**.

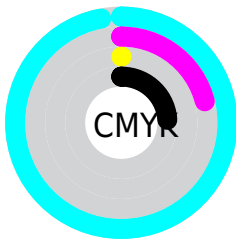
Distribution



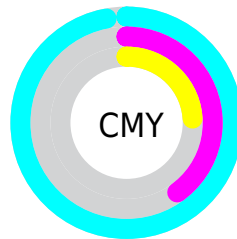
- Red (3%)
- Green (60%)
- Blue (76%)



- Red (3%)
- Yellow (35%)
- Blue (76%)



- Cyan (97%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)





- Cyan (97%)
- Magenta (40%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 35.715, 237.323 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, 35.715, 237.323 by changing the saturation by 10% instead.


 59, 35.715,
237.323


 59, 35.715,
237.323


 100, 35.715,
237.323


 49, 35.715,
237.323


 79, 35.715,
237.323


 39, 35.715,
237.323


 89, 35.715,
237.323

 29, 35.715,
237.323

 99, 35.715,
237.323

 19, 35.715,
237.323

 9, 35.715, 237.323

 0, 35.715, 237.323

■ 59, 35.715,
237.323

■ 59, 35.715,
237.323

■ 59, 36.062,
238.691

■ 60, 34.614,
233.557

■ 62, 32.970,
230.433

■ 64, 30.662,
227.923

■ 66, 27.655,
225.949

■ 68, 23.970,
224.425

■ 70, 19.664,
223.268

■ 72, 14.819,
222.409

■ 74, 9.521, 221.793

Harmonies

Complementary

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



59, 35.715, 237.323



43, 77.999, 43.697

Rectangle

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



59, 35.715, 237.323



59, 35.715, 287.323



59, 35.715, 57.323



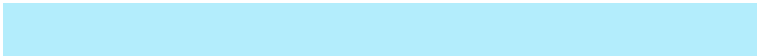
59, 35.715, 107.323

Sweetspot

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



59, 35.714, 237.323



90, 19.869, 222.634



69, 90.281, 138.990



47, 13.525, 223.008



0, 0.000, 0.000



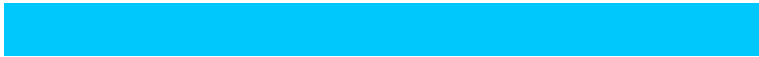
53, 0.007, 296.813

Same Dimension

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



59, 35.714, 237.323



75, 44.078, 239.426



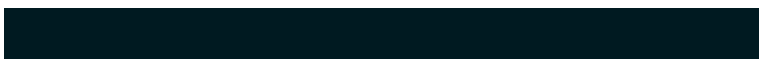
33, 80.974, 297.389



40, 3.328, 221.495



49, 31.303, 238.052



8, 10.354, 229.935

Inverse Universe

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



44, 79.432, 338.639



57, 96.933, 339.259



61, 66.536, 79.441



38, 6.228, 331.566



36, 69.463, 338.861



4, 19.770, 335.271

Previews

White Background



This preview shows how the CIE LCh color 59, 35.715, 237.323 looks on a white background.

Color Contrast Check

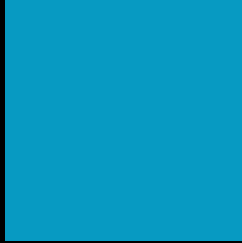
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.715, 237.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

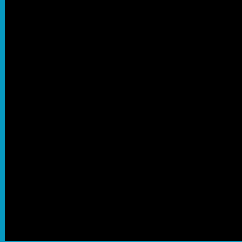
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 35.715, 237.323

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.715, 237.323.

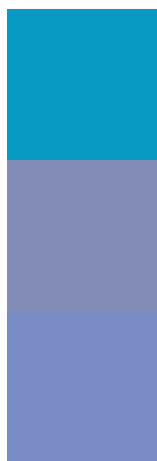


This preview shows how white text looks on a background with the CIELCh color 59, 35.715, 237.323.

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

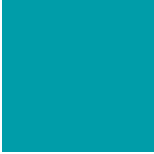
59, 35.715, 237.323

Protanopia

59, 24.512, 285.054

Deuteranopia

59, 32.577, 283.787



Tritanopia
59, 33.678, 208.452

Trichromacy



Original Color
59, 35.715, 237.323



Protanomaly
58, 28.777, 255.261



Deuteranomaly
58, 33.148, 260.406



Tritanomaly
59, 33.515, 219.023

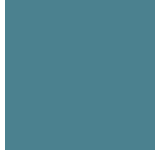
Monochromacy



Original Color
59, 35.715, 237.323



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.160, 223.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.715, 237.323 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(7, 154, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 154, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.715, 237.323 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, 194) }
```

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

```
.border{ border-color:rgb(7, 154, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 154, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 154, 194);  
box-shadow:4px 4px 4px 4px rgb(7, 154,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.715, 237.323 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, 194) }
```

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

```
.background{ background-color: rgb(7, 154,  
194) }
```

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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