

Converting Colors

CIELCh(59, 35.683, 235.517)

Have a look what the booklet for
CIELCh(59, 35.683, 235.517)
contains.

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Color

CIELCh(59, 35.678, 236.151)

Conversions

Conversions Part 1

Format	Color
Hex	019AC1
RGB	1, 154, 193
RGB Percent	0%, 60%, 76%
CMY	0.9968, 0.3954, 0.2425
CMYK	1.00, 0.20, 0.00, 0.24
HSL	192°, 99%, 38%
HSV	192°, 100%, 76%
XYZ	21.2367, 27.0277, 54.6487
YIQ	112.6990, -103.7070, -20.3070

Conversions

Conversions Part 2

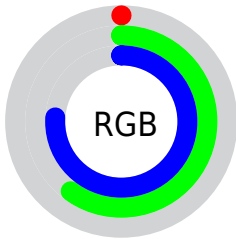
Format	Color
R _Y B	1, 86, 193
Decimal	105153
CIE _{Lab}	59.00, -19.87, -29.63
CIE _{LCh}	59, 35.678, 236.151
Y _{xy}	27.0277, 0.2064, 0.2626
Android (android.graphics.Color)	4278295233 (0xFF019AC1)
Y _{UV}	112.6990, 39.5884, -97.9600
Hunter-Lab	51.9882, -18.0636, -25.9324

Details

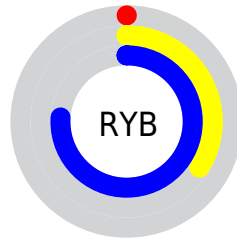
The CIELCh color **59, 35.678, 236.151** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **43, 80.217, 43.472**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 35.689, 236.028**, and **41, 29.235, 246.889** is the 20% darker color. If you saturate the color by 10%, you get **59, 35.715, 236.309**, and if you desaturate by 10%, it is **60, 34.768, 232.454**.

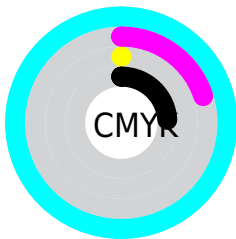
Distribution



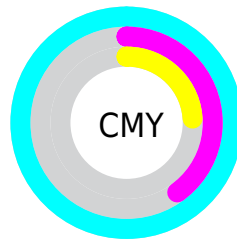
- Red (0%)
- Green (60%)
- Blue (76%)



- Red (0%)
- Yellow (34%)
- Blue (76%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (24%)



- Cyan (100%)
- Magenta (40%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 35.678, 236.151 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, 35.678, 236.151 by changing the saturation by 10% instead.

■ 59, 35.678,
236.151

■ 59, 35.678,
236.151

■ 100, 35.678,
236.151

■ 49, 35.678,
236.151

■ 79, 35.678,
236.151

■ 39, 35.678,
236.151

■ 89, 35.678,
236.151

■ 29, 35.678,
236.151

■ 99, 35.678,
236.151

■ 19, 35.678,
236.151

■ 9, 35.678, 236.151

■ 0, 35.678, 236.151

■ 59, 35.678,
236.151

■ 59, 35.678,
236.151

■ 59, 35.715,
236.309

■ 60, 34.768,
232.454

■ 62, 33.393,
229.306

■ 63, 31.358,
226.769

■ 65, 28.610,
224.770

■ 67, 25.157,
223.227

■ 69, 21.051,
222.058

■ 71, 16.369,
221.193

■ 73, 11.200,

220.576

■ 76, 5.632, 220.178

Harmonies

Complementary

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



59, 35.678, 236.151



43, 80.217, 43.472

Rectangle

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



59, 35.678, 236.151



59, 35.678, 286.151



59, 35.678, 56.151



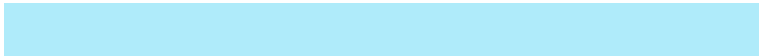
59, 35.678, 106.151

Sweetspot

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



59, 35.677, 236.151



90, 20.399, 221.260



68, 91.348, 138.567



46, 13.690, 221.604



99, 0.012, 296.813



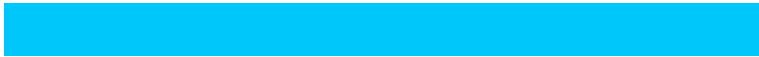
52, 0.007, 296.813

Same Dimension

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



59, 35.677, 236.151



75, 43.422, 237.000



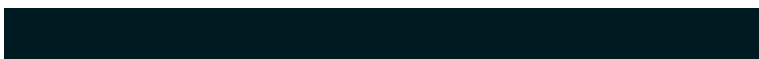
32, 83.422, 298.333



40, 3.345, 220.173



50, 31.111, 235.710



8, 10.381, 227.884

Inverse Universe

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



44, 80.067, 338.319



57, 96.984, 338.560



61, 67.099, 78.785



38, 6.276, 331.176



36, 70.017, 338.197



4, 19.977, 334.695

Previews

White Background



This preview shows how the CIE LCh color 59, 35.678, 236.151 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, 35.678, 236.151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

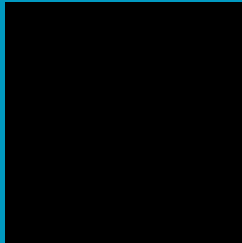
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 35.678, 236.151

Background



This preview shows how black text looks on a background with the CIELCh color 59, 35.678, 236.151.

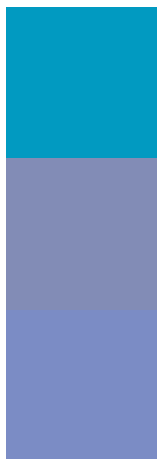


This preview shows how white text looks on a background with the CIELCh color 59, 35.678, 236.151.

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, 35.651, 236.188

Protanopia

59, 23.955, 284.782

Deuteranopia

59, 32.536, 284.307



Tritanopia
59, 33.678, 208.452

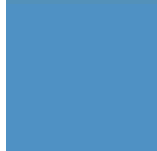
Trichromacy



Original Color
59, 35.651, 236.188



Protanomaly
58, 28.630, 253.635



Deuteranomaly
58, 33.248, 260.090



Tritanomaly
59, 33.584, 218.970

Monochromacy



Original Color
59, 35.651, 236.188



Achromatopsia
48, 0.006, 296.813



Achromatomaly
50, 19.623, 222.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 35.678, 236.151 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(1, 154, 193)` looks like.

```
.text, #text, p{  
    color:rgb(1, 154, 193)  
}
```

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(1, 154, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 154, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 35.678, 236.151 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(1, 154, 193) }
```

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

```
.border{ border-color:rgb(1, 154, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 154, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 154, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 154, 193);  
box-shadow:4px 4px 4px 4px rgb(1, 154,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 35.678, 236.151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 154, 193) }
```

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

```
.background{ background-color: rgb(1, 154,  
193) }
```

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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