

Converting Colors

CIELCh(59, 34.760, 230.275)

Have a look what the booklet for
CIELCh(59, 34.760, 230.275)
contains.

CIELCh(59, 34.660, 230.262)	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, 34.660, 230.262)

Conversions

Conversions Part 1

Format	Color
Hex	009BBC
RGB	0, 155, 188
RGB Percent	0%, 61%, 74%
CMY	1.0000, 0.3926, 0.2632
CMYK	1.00, 0.18, 0.00, 0.26
HSL	191°, 100%, 37%
HSV	191°, 100%, 74%
XYZ	20.7606, 27.0277, 51.6339
YIQ	112.4170, -102.9730, -22.5970

Conversions

Conversions Part 2

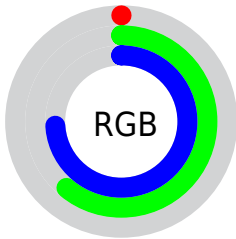
Format	Color
RYB	0, 85, 188
Decimal	39868
CIELab	59.00, -22.16, -26.65
CIELCh	59, 34.660, 230.262
Yxy	27.0277, 0.2088, 0.2718
Android (android.graphics.Color)	4278229948 (0xFF009BBC)
YUV	112.4170, 37.2624, -98.5897
Hunter-Lab	51.9882, -19.6983, -22.4942

Details

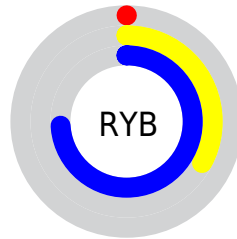
The CIELCh color **59, 34.660, 230.262** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **41, 79.682, 42.772**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 34.572, 229.635**, and **41, 27.816, 240.720** is the 20% darker color. If you saturate the color by 10%, you get **59, 34.644, 230.279**, and if you desaturate by 10%, it is **60, 33.972, 227.096**.

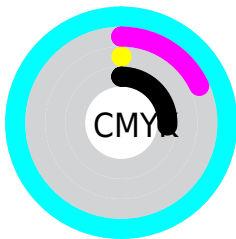
Distribution



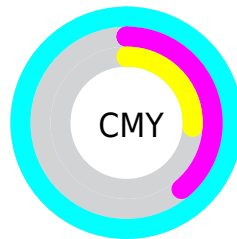
- Red (0%)
- Green (61%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (39%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 34.660, 230.262 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, 34.660, 230.262 by changing the saturation by 10% instead.

 59, 34.660,
230.262

 59, 34.660,
230.262

 100, 34.660,
230.262

 49, 34.660,
230.262


 79, 34.660,
230.262

 39, 34.660,
230.262

 89, 34.660,
230.262

 29, 34.660,
230.262

 99, 34.660,
230.262

 19, 34.660,
230.262

 9, 34.660, 230.262

 0, 34.660, 230.262

■ 59, 34.660,
230.262

■ 59, 34.660,
230.262

■ 59, 34.644,
230.279

■ 60, 33.972,
227.096

■ 61, 32.808,
224.397

■ 63, 30.948,
222.242

■ 64, 28.347,
220.564

■ 66, 25.020,
219.287

■ 68, 21.020,
218.341

■ 70, 16.429,
217.664

■ 72, 11.336,

217.207

■ 74, 5.832, 216.947

Harmonies

Complementary

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



59, 34.660, 230.262



41, 79.682, 42.772

Rectangle

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



59, 34.660, 230.262



59, 34.660, 280.262



59, 34.660, 50.262



59, 34.660, 100.262

Sweetspot

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



59, 34.644, 230.279



88, 20.331, 217.692



67, 90.989, 137.892



46, 13.636, 217.953



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



59, 34.644, 230.279



75, 42.281, 230.910



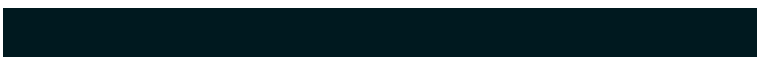
32, 77.848, 296.644



39, 3.322, 216.938



50, 30.481, 229.782



7, 9.587, 224.292

Inverse Universe

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



43, 80.100, 336.720



56, 97.491, 336.887



57, 65.603, 75.606



37, 6.259, 330.228



36, 70.621, 336.588



3, 18.054, 332.908

Previews

White Background



This preview shows how the CIELCh color 59, 34.660, 230.262 looks on a white background.

Color Contrast Check

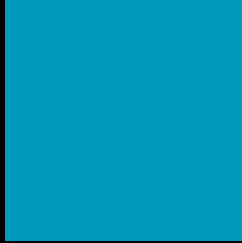
Large Text (above 18pt) WCAG AA ✓ Pass

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, 34.660, 230.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

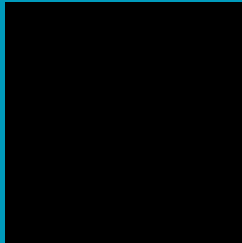
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 34.660, 230.262

Background



This preview shows how black text looks on a background with the CIELCh color 59, 34.660, 230.262.

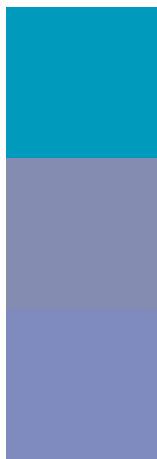


This preview shows how white text looks on a background with the CIELCh color 59, 34.660, 230.262.

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, 34.660, 230.262

Protanopia

59, 21.093, 285.062

Deuteranopia

59, 29.625, 285.938



Tritanopia
59, 33.678, 208.452

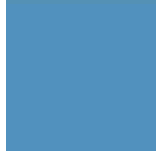
Trichromacy



Original Color
59, 34.660, 230.262



Protanomaly
58, 26.582, 249.319



Deuteranomaly
58, 30.491, 256.273



Tritanomaly
59, 33.491, 216.888

Monochromacy



Original Color
59, 34.660, 230.262



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 19.604, 218.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 34.660, 230.262 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(0, 155, 188)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 188)  
}
```

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(0, 155, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 34.660, 230.262 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(0, 155, 188) }
```

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

```
.border{ border-color:rgb(0, 155, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 188);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 34.660, 230.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 188) }
```

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

```
.background{ background-color: rgb(0, 155,  
188) }
```

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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