

Converting Colors

CIELCh(59, 40.962, 252.012)

Have a look what the booklet for
CIELCh(59, 40.962, 252.012)
contains.

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Color

CIELCh(59, 40.965, 252.009)

Conversions

Conversions Part 1

Format	Color
Hex	0098D2
RGB	0, 152, 210
RGB Percent	0%, 60%, 82%
CMY	1.0000, 0.4047, 0.1773
CMYK	1.00, 0.28, 0.00, 0.18
HSL	197°, 100%, 41%
HSV	197°, 100%, 82%
XYZ	22.7892, 27.0277, 64.8498
YIQ	113.1640, -109.2100, -14.1860

Conversions

Conversions Part 2

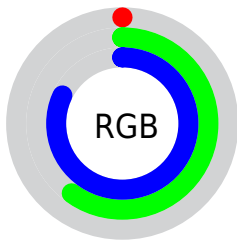
Format	Color
R_{YB}	0, 88, 210
Decimal	39122
CIE _{Lab}	59.00, -12.65, -38.96
CIE _{LCh}	59, 40.965, 252.009
Yxy	27.0277, 0.1987, 0.2357
Android (android.graphics.Color)	4278229202 (0xFF0098D2)
YUV	113.1640, 47.7401, -99.2448
Hunter-Lab	51.9882, -12.7332, -37.5662

Details

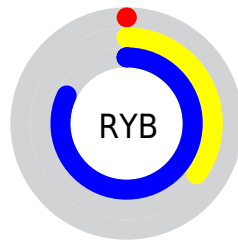
The CIELCh color **59, 40.965, 252.009** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **48, 82.885, 46.078**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 36.950, 243.676**, and **41, 36.409, 263.817** is the 20% darker color. If you saturate the color by 10%, you get **59, 40.945, 252.047**, and if you desaturate by 10%, it is **61, 39.020, 247.305**.

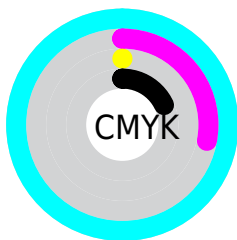
Distribution



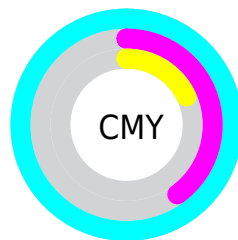
- Red (0%)
- Green (60%)
- Blue (82%)



- Red (0%)
- Yellow (35%)
- Blue (82%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (18%)





- Cyan (100%)
- Magenta (40%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 40.965, 252.009 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, 40.965, 252.009 by changing the saturation by 10% instead.


 59, 40.965,
252.009


 59, 40.965,
252.009


 100, 40.965,
252.009


 49, 40.965,
252.009


 79, 40.965,
252.009

 39, 40.965,
252.009

 89, 40.965,
252.009

 29, 40.965,
252.009

 99, 40.965,
252.009

 19, 40.965,
252.009

 9, 40.965, 252.009

 0, 40.965, 252.009

■ 59, 40.965,
252.009

■ 59, 40.965,
252.009

■ 59, 40.945,
252.047

■ 61, 39.020,
247.305

■ 63, 36.823,
243.100

■ 65, 34.127,
239.592

■ 67, 30.837,
236.740

■ 70, 26.932,
234.463

■ 73, 22.440,
232.667

■ 75, 17.424,
231.266

■ 78, 11.960,

230.184

■ 81, 6.129, 229.379

Harmonies

Complementary

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



59, 40.965, 252.009



48, 82.885, 46.078

Rectangle

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



59, 40.965, 252.009



59, 40.965, 302.009



59, 40.965, 72.009



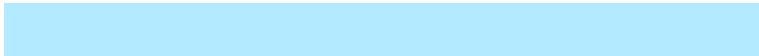
59, 40.965, 122.009

Sweetspot

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



59, 40.945, 252.047



90, 20.392, 231.307



74, 93.969, 140.013



46, 13.717, 231.867



0, 0.000, 0.000



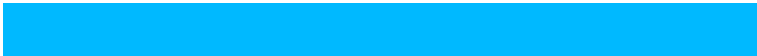
53, 0.007, 296.813

Same Dimension

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



59, 40.945, 252.047



71, 47.649, 252.659



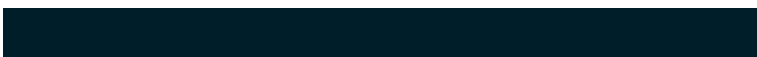
31, 97.980, 301.506



43, 3.473, 229.341



48, 34.548, 251.212



10, 12.474, 240.183

Inverse Universe

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



47, 80.785, 343.346



57, 93.402, 343.569



69, 72.716, 84.746



41, 6.341, 333.943



37, 68.759, 343.046



5, 25.140, 339.592

Previews

White Background



This preview shows how the CIE LCh color 59, 40.965, 252.009 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, 40.965, 252.009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

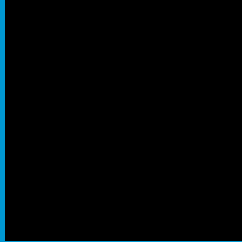
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 40.965, 252.009

Background



This preview shows how black text looks on a background with the CIELCh color 59, 40.965, 252.009.

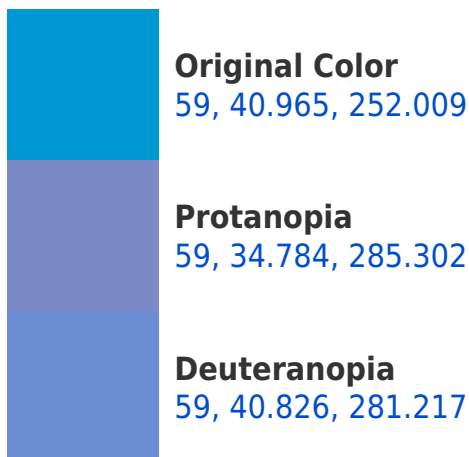



This preview shows how white text looks on a background with the CIELCh color 59, 40.965, 252.009.

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
59, 33.678, 208.452

Trichromacy



Original Color
59, 40.965, 252.009

Protanomaly
58, 37.324, 265.806

Deuteranomaly
58, 40.822, 266.467

Tritanomaly
59, 34.080, 226.298

Monochromacy



Original Color
59, 40.965, 252.009

Achromatopsia
48, 0.006, 296.813

Achromatomaly
50, 20.811, 234.459

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 40.965, 252.009 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, 152, 210)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 210)  
}
```

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, 152, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 40.965, 252.009 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, 152, 210) }
```

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

```
.border{ border-color:rgb(0, 152, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 210);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 40.965, 252.009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 210) }
```

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

```
.background{ background-color: rgb(0, 152,  
210) }
```

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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