

Converting Colors

CIELCh(56, 57.298, 221.898)

Have a look what the booklet for
CIELCh(56, 57.298, 221.898)
contains.

CIELCh(60, 37.082, 240.158)	3
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Color

CIELCh(60, 37.082, 240.158)

Conversions

Conversions Part 1

Format	Color
Hex	029CC8
RGB	2, 156, 200
RGB Percent	1%, 61%, 78%
CMY	0.9915, 0.3866, 0.2139
CMYK	0.99, 0.22, 0.00, 0.21
HSL	193°, 98%, 40%
HSV	193°, 99%, 79%
XYZ	22.4630, 28.1233, 59.1597
YIQ	114.9700, -105.9080, -18.9640

Conversions

Conversions Part 2

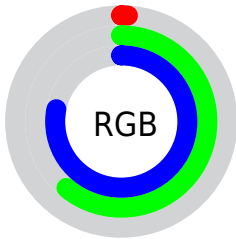
Format	Color
R_{YB}	2, 89, 200
Decimal	171208
CIE _{Lab}	60.00, -18.45, -32.16
CIE _{LCh}	60, 37.082, 240.158
Yxy	28.1233, 0.2047, 0.2563
Android (android.graphics.Color)	4278361288 (0xFF029CC8)
YUV	114.9700, 41.9198, -99.0747
Hunter-Lab	53.0314, -17.1961, -29.0195

Details

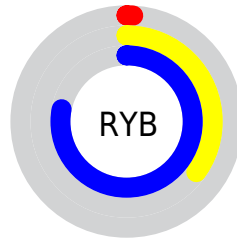
The CIELCh color **60, 37.082, 240.158** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **45, 81.395, 44.020**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 36.439, 238.327**, and **41, 31.173, 251.439** is the 20% darker color. If you saturate the color by 10%, you get **60, 37.203, 240.596**, and if you desaturate by 10%, it is **61, 35.942, 236.134**.

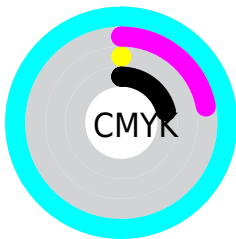
Distribution



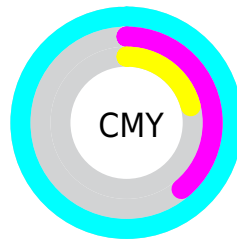
- Red (1%)
- Green (61%)
- Blue (78%)



- Red (1%)
- Yellow (35%)
- Blue (78%)



- Cyan (99%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)





- Cyan (99%)
- Magenta (39%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 37.082, 240.158 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 60, 37.082, 240.158 by changing the saturation by 10% instead.


 60, 37.082,
240.158


 60, 37.082,
240.158


 100, 37.082,
240.158


 50, 37.082,
240.158


 80, 37.082,
240.158

 40, 37.082,
240.158

 90, 37.082,
240.158


 30, 37.082,
240.158

 20, 37.082,
240.158

 10, 37.082,
240.158

 0, 37.082, 240.158

 60, 37.082,

 60, 37.082,

240.158

■ 60, 37.203,
240.596

240.158

■ 61, 35.942,
236.134

■ 63, 34.345,
232.709

■ 65, 32.107,
229.930

■ 67, 29.168,
227.727

■ 69, 25.535,
226.012

■ 71, 21.257,
224.699

■ 73, 16.412,
223.711

■ 76, 11.087,
222.987

Harmonies

Complementary

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



60, 37.082, 240.158



45, 81.395, 44.020

Rectangle

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



60, 37.082, 240.158



60, 37.082, 290.158



60, 37.082, 60.158



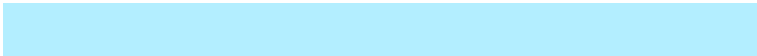
60, 37.082, 110.158

Sweetspot

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



60, 37.081, 240.158



91, 20.586, 223.841



71, 92.896, 138.983



47, 13.822, 224.246



0, 0.000, 0.000



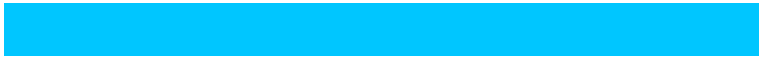
53, 0.007, 296.813

Same Dimension

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



60, 37.081, 240.158



75, 44.713, 241.274



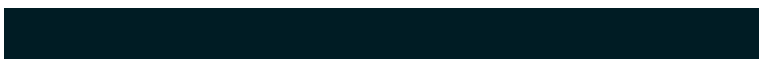
32, 87.471, 299.024



41, 3.387, 222.516



49, 31.857, 239.891



9, 11.127, 230.287

Inverse Universe

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



45, 81.084, 339.472



57, 97.067, 339.808



64, 69.038, 80.416



39, 6.325, 331.871



37, 69.837, 339.396



4, 22.013, 336.141

Previews

White Background



This preview shows how the CIE LCh color 60, 37.082, 240.158 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 60, 37.082, 240.158 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 60, 37.082, 240.158

Background



This preview shows how black text looks on a background with the CIELCh color 60, 37.082, 240.158.

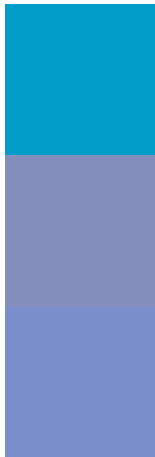


This preview shows how white text looks on a background with the CIELCh color 60, 37.082, 240.158.

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](#).

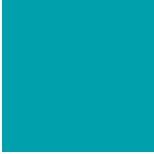
Dichromacy



Original Color
60, 37.033, 240.230

Protanopia
60, 26.709, 285.309

Deuteranopia
60, 35.321, 284.008



Tritanopia
60, 34.159, 208.238

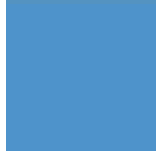
Trichromacy



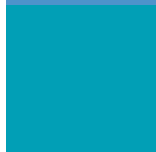
Original Color
60, 37.033, 240.230



Protanomaly
59, 30.770, 257.241



Deuteranomaly
59, 35.699, 262.304



Tritanomaly
60, 34.060, 219.619

Monochromacy



Original Color
60, 37.033, 240.230



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 19.953, 225.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 37.082, 240.158 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, 156, 200)` looks like.

```
.text, #text, p{  
    color:rgb(2, 156, 200)  
}
```

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, 156, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 156, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 37.082, 240.158 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, 156, 200) }
```

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

```
.border{ border-color:rgb(2, 156, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 156, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 156, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 156, 200);  
box-shadow:4px 4px 4px 4px rgb(2, 156,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 37.082, 240.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 156, 200) }
```

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

```
.background{ background-color: rgb(2, 156,  
200) }
```

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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