

Converting Colors

CIELCh(60, 35.153, 231.662)

Have a look what the booklet for
CIELCh(60, 35.153, 231.662)
contains.

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Color

CIELCh(60, 35.120, 231.970)

Conversions

Conversions Part 1

Format	Color
Hex	079DC0
RGB	7, 157, 192
RGB Percent	3%, 62%, 75%
CMY	0.9725, 0.3827, 0.2454
CMYK	0.96, 0.18, 0.00, 0.25
HSL	191°, 93%, 39%
HSV	191°, 96%, 75%
XYZ	21.7760, 28.1233, 54.3983
YIQ	116.1400, -100.6350, -20.9150

Conversions

Conversions Part 2

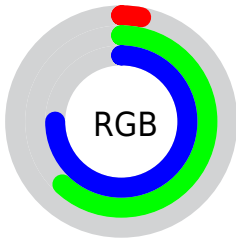
Format	Color
R_{YB}	7, 90, 192
Decimal	499136
CIE _{Lab}	60.00, -21.64, -27.66
CIE _{LCh}	60, 35.120, 231.970
Yxy	28.1233, 0.2088, 0.2696
Android (android.graphics.Color)	4278689216 (0xFF079DC0)
YUV	116.1400, 37.3990, -95.7158
Hunter-Lab	53.0314, -19.5085, -23.6962

Details

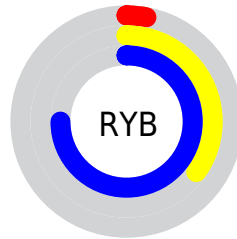
The CIELCh color **60, 35.120, 231.970** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **43, 78.261, 42.816**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.172, 232.142**, and **41, 28.500, 242.796** is the 20% darker color. If you saturate the color by 10%, you get **60, 35.392, 233.247**, and if you desaturate by 10%, it is **61, 34.231, 228.650**.

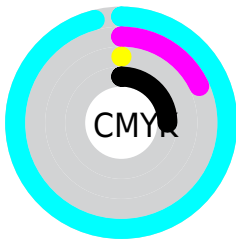
Distribution



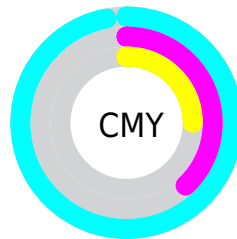
- Red (3%)
- Green (62%)
- Blue (75%)



- Red (3%)
- Yellow (35%)
- Blue (75%)



- Cyan (96%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)





- Cyan (97%)
- Magenta (38%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.120, 231.970 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, 35.120, 231.970 by changing the saturation by 10% instead.


 60, 35.120,
231.970


 60, 35.120,
231.970


 100, 35.120,
231.970


 50, 35.120,
231.970


 80, 35.120,
231.970

 40, 35.120,
231.970

 90, 35.120,
231.970

 30, 35.120,
231.970

 20, 35.120,
231.970

 10, 35.120,
231.970

 0, 35.120, 231.970

 60, 35.120,

 60, 35.120,

231.970

231.970

■ 60, 35.392,
233.247

■ 61, 34.231,
228.650

■ 63, 32.739,
225.927

■ 64, 30.537,
223.763

■ 66, 27.597,
222.081

■ 68, 23.949,
220.800

■ 70, 19.656,
219.849

■ 72, 14.803,
219.165

■ 74, 9.482, 218.701

Harmonies

Complementary

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



60, 35.120, 231.970



43, 78.261, 42.816

Rectangle

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



60, 35.120, 231.970



60, 35.120, 281.970



60, 35.120, 51.970



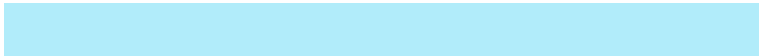
60, 35.120, 101.970

Sweetspot

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



60, 35.119, 231.970



90, 19.920, 219.353



68, 90.444, 138.654



47, 13.442, 219.649



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



60, 35.119, 231.970



76, 43.123, 233.905



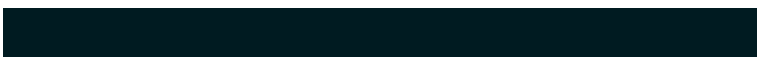
33, 78.288, 296.430



40, 3.370, 218.502



50, 30.936, 232.698



8, 10.436, 225.241

Inverse Universe

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



44, 80.397, 337.155



57, 98.012, 337.697



60, 65.900, 77.953



38, 6.339, 330.686



36, 70.741, 337.368



4, 20.247, 333.980

Previews

White Background



This preview shows how the CIE LCh color 60, 35.120, 231.970 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 60, 35.120, 231.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

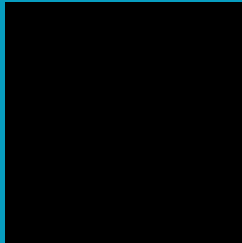
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.120, 231.970

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.120, 231.970.

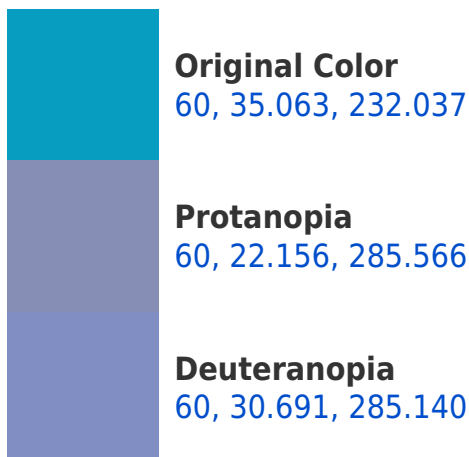


This preview shows how white text looks on a background with the CIELCh color 60, 35.120, 231.970.

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
60, 34.159, 208.238

Trichromacy



Original Color
60, 35.063, 232.037



Protanomaly
59, 26.788, 250.486



Deuteranomaly
59, 31.291, 257.576



Tritanomaly
60, 33.847, 216.596

Monochromacy



Original Color
60, 35.063, 232.037



Achromatopsia
49, 0.007, 296.813



Achromatomaly
52, 19.261, 221.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.120, 231.970 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, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(7, 157, 192)  
}
```

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, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 157, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.120, 231.970 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, 157, 192) }
```

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

```
.border{ border-color:rgb(7, 157, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(7, 157,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.120, 231.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 157, 192) }
```

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

```
.background{ background-color: rgb(7, 157,  
192) }
```

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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