

Converting Colors

CIELCh(60, 34.934, 231.310)

Have a look what the booklet for
CIELCh(60, 34.934, 231.310)
contains.

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Color

CIELCh(60, 35.007, 232.105)

Conversions

Conversions Part 1

Format	Color
Hex	0B9DC0
RGB	11, 157, 192
RGB Percent	4%, 62%, 75%
CMY	0.9579, 0.3829, 0.2456
CMYK	0.94, 0.18, 0.00, 0.25
HSL	192°, 89%, 40%
HSV	192°, 94%, 75%
XYZ	21.8048, 28.1233, 54.3589
YIQ	117.3360, -98.2510, -20.0670

Conversions

Conversions Part 2

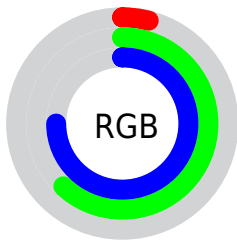
Format	Color
R _Y B	11, 92, 192
Decimal	761280
CIE Lab	60.00, -21.50, -27.63
CIE LCh	60, 35.007, 232.105
Yxy	28.1233, 0.2091, 0.2697
Android (android.graphics.Color)	4278951360 (0xFF0B9DC0)
YUV	117.3360, 36.8094, -93.2567
Hunter-Lab	53.0314, -19.4117, -23.6522

Details

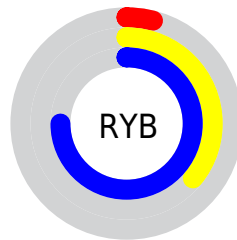
The CIELCh color **60, 35.007, 232.105** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **43, 76.845, 42.922**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 35.023, 232.316**, and **41, 28.500, 242.796** is the 20% darker color. If you saturate the color by 10%, you get **59, 35.435, 234.103**, and if you desaturate by 10%, it is **61, 33.991, 228.824**.

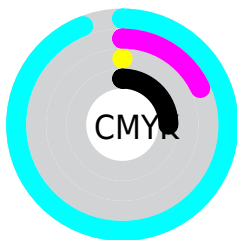
Distribution



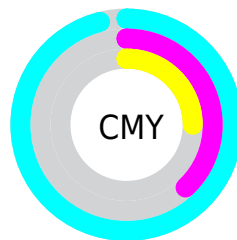
- Red (4%)
- Green (62%)
- Blue (75%)



- Red (4%)
- Yellow (36%)
- Blue (75%)



- Cyan (94%)
- Magenta (18%)
- Yellow (0%)
- Black (25%)





- Cyan (96%)
- Magenta (38%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.007, 232.105 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, 35.007, 232.105 by changing the saturation by 10% instead.


 60, 35.007,
232.105


 60, 35.007,
232.105


 100, 35.007,
232.105


 50, 35.007,
232.105


 80, 35.007,
232.105

 40, 35.007,
232.105

 90, 35.007,
232.105


 30, 35.007,
232.105

 20, 35.007,
232.105

 10, 35.007,
232.105

 0, 35.007, 232.105

 60, 35.007,

 60, 35.007,

232.105

■ 59, 35.435,
234.103

232.105

■ 61, 33.991,
228.824

■ 63, 32.347,
226.154

■ 64, 29.991,
224.037

■ 66, 26.905,
222.395

■ 68, 23.126,
221.148

■ 70, 18.722,
220.223

■ 72, 13.780,
219.558

■ 74, 8.390, 219.110

Harmonies

Complementary

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



60, 35.007, 232.105



43, 76.845, 42.922

Rectangle

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



60, 35.007, 232.105



60, 35.007, 282.105



60, 35.007, 52.105



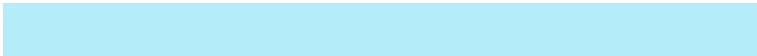
60, 35.007, 102.105

Sweetspot

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



60, 35.006, 232.105



90, 19.268, 219.797



68, 89.543, 138.938



47, 13.084, 220.098



99, 0.012, 296.813



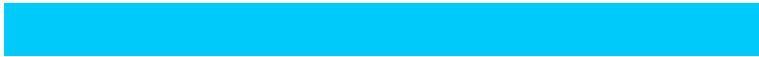
52, 0.007, 296.813

Same Dimension

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



60, 35.006, 232.105



75, 43.195, 234.774



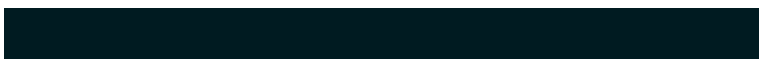
34, 76.576, 295.768



40, 3.363, 218.968



50, 30.977, 233.543



8, 10.418, 225.983

Inverse Universe

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



44, 79.988, 337.183



57, 97.722, 337.936



60, 65.406, 78.402



38, 6.321, 330.823



36, 70.537, 337.598



4, 20.171, 334.178

Previews

White Background



This preview shows how the CIE LCh color 60, 35.007, 232.105 looks on a white background.

Color Contrast Check

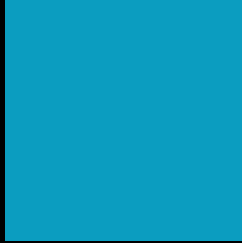
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.007, 232.105 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, 35.007, 232.105

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.007, 232.105.

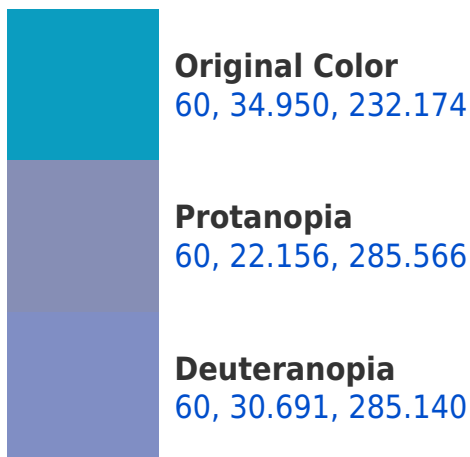


This preview shows how white text looks on a background with the CIELCh color 60, 35.007, 232.105.

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



Trichromacy



Original Color
60, 34.950, 232.174

Protanomaly
59, 26.643, 250.895

Deuteranomaly
59, 31.178, 257.923

Monochromacy



Original Color
60, 34.950, 232.174

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 18.778, 221.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.007, 232.105 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(11, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(11, 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(11, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 157, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.007, 232.105 is called "border". The border property can be set on classes, ids or directly on the HTML element.

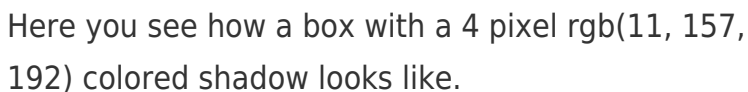
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(11, 157, 192) }
```

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

```
.border{ border-color:rgb(11, 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(11, 157, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(11, 157, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(11, 157, 192); box-shadow:4px 4px 4px 4px rgb(11, 157, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.007, 232.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 157, 192) }
```

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

```
.background{ background-color: rgb(11, 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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