

Converting Colors

CIELCh(69, 61.675, 157.125)

Have a look what the booklet for
CIELCh(69, 61.675, 157.125)
contains.

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Color

CIELCh(69, 61.351, 157.310)

Conversions

Conversions Part 1

Format	Color
Hex	06C07B
RGB	6, 192, 123
RGB Percent	2%, 75%, 48%
CMY	0.9773, 0.2455, 0.5163
CMYK	0.97, 0.00, 0.36, 0.25
HSL	158°, 94%, 39%
HSV	158°, 97%, 75%
XYZ	22.6034, 39.3444, 25.2567
YIQ	128.5200, -88.7070, -60.8910

Conversions

Conversions Part 2

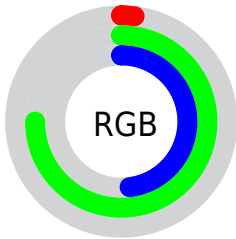
Format	Color
RYB	6, 120, 192
Decimal	442491
CIELab	69.00, -56.60, 23.67
CIELCh	69, 61.351, 157.310
Yxy	39.3444, 0.2592, 0.4512
Android (android.graphics.Color)	4278632571 (0xFF06C07B)
YUV	128.5200, -2.7214, -107.4500
Hunter-Lab	62.7251, -45.4453, 20.0341

Details

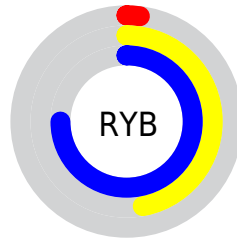
The CIELCh color **69, 61.351, 157.310** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 68.276, 13.245**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 61.509, 157.236**, and **50, 53.125, 151.868** is the 20% darker color. If you saturate the color by 10%, you get **69, 62.365, 156.663**, and if you desaturate by 10%, it is **69, 57.785, 159.492**.

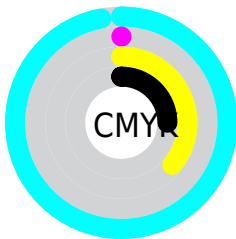
Distribution



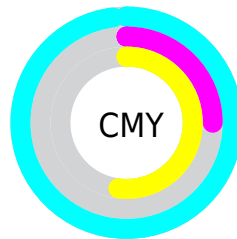
- Red (2%)
- Green (75%)
- Blue (48%)



- Red (2%)
- Yellow (47%)
- Blue (75%)



- Cyan (97%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)





- Cyan (98%)
- Magenta (25%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 61.351, 157.310 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 69, 61.351, 157.310 by changing the saturation by 10% instead.


 69, 61.351,
157.310


 69, 61.351,
157.310


 100, 61.351,
157.310


 59, 61.351,
157.310


 89, 61.351,
157.310

 49, 61.351,
157.310

 99, 61.351,
157.310

 39, 61.351,
157.310

 29, 61.351,
157.310

 19, 61.351,
157.310

 9, 61.351, 157.310

 0, 61.351, 157.310

■ 69, 61.351,
157.310

■ 69, 61.351,
157.310

■ 69, 62.365,
156.663

■ 69, 57.785,
159.492

■ 70, 53.497,
161.486

■ 70, 48.421,
163.273

■ 71, 42.582,
164.865

■ 72, 36.061,
166.284

■ 73, 28.975,
167.555

■ 74, 21.457,
168.704

■ 75, 13.638,

169.754

■ 77, 5.640, 170.753

Harmonies

Complementary

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



69, 61.351, 157.310



41, 68.276, 13.245

Rectangle

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



69, 61.351, 157.310



69, 61.351, 207.310



69, 61.351, 337.310



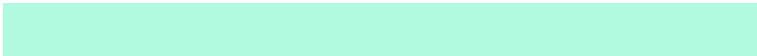
69, 61.351, 27.310

Sweetspot

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



69, 61.351, 157.310



93, 28.415, 168.431



69, 90.426, 131.181



49, 19.373, 167.939



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 61.351, 157.310



87, 76.452, 156.269



64, 35.599, 217.054



40, 4.595, 170.514



58, 54.247, 156.995



10, 16.650, 163.152

Inverse Universe

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



41, 68.276, 13.245



53, 84.379, 15.700



41, 80.802, 40.876



38, 4.692, 352.104



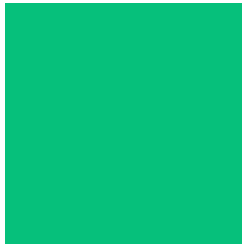
34, 60.336, 13.936



3, 14.930, 359.823

Previews

White Background



This preview shows how the CIE LCh color 69, 61.351, 157.310 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 69, 61.351, 157.310 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 ✓ Pass

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

CIELCh 69, 61.351, 157.310

Background



This preview shows how black text looks on a background with the CIELCh color 69, 61.351, 157.310.



This preview shows how white text looks on a background with the CIELCh color 69, 61.351, 157.310.

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](#).

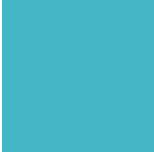
Dichromacy



Original Color
69, 61.288, 157.271

Protanopia
68, 29.926, 95.645

Deuteranopia
68, 21.804, 66.409



Tritanopia
69, 32.199, 212.100

Trichromacy



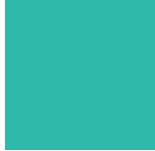
Original Color
69, 61.288, 157.271



Protanomaly
67, 39.555, 142.067



Deuteranomaly
66, 30.137, 143.817



Tritanomaly
68, 39.670, 184.198

Monochromacy



Original Color
69, 61.288, 157.271



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 28.470, 166.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 61.351, 157.310 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(6, 192, 123)` looks like.

```
.text, #text, p{  
    color:rgb(6, 192, 123)  
}
```

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(6, 192, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 192, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 61.351, 157.310 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(6, 192, 123) }
```

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

```
.border{ border-color:rgb(6, 192, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 192, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 192, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 192, 123);  
box-shadow:4px 4px 4px 4px rgb(6, 192,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 61.351, 157.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 192, 123) }
```

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

```
.background{ background-color: rgb(6, 192,  
123) }
```

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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