

Converting Colors

CIELCh(69, 57.475, 161.221)

Have a look what the booklet for
CIELCh(69, 57.475, 161.221)
contains.

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Color

CIELCh(69, 57.549, 161.162)

Conversions

Conversions Part 1

Format	Color
Hex	02C085
RGB	2, 192, 133
RGB Percent	1%, 75%, 52%
CMY	0.9906, 0.2476, 0.4789
CMYK	0.99, 0.00, 0.31, 0.25
HSL	161°, 98%, 38%
HSV	161°, 99%, 75%
XYZ	23.0743, 39.3444, 28.5226
YIQ	128.4640, -94.3010, -58.6290

Conversions

Conversions Part 2

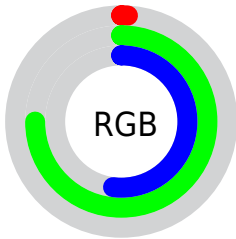
Format	Color
R_{YB}	2, 114, 192
Decimal	180357
CIE _{Lab}	69.00, -54.47, 18.58
CIE _{LCh}	69, 57.549, 161.162
Yxy	39.3444, 0.2537, 0.4326
Android (android.graphics.Color)	4278370437 (0xFF02C085)
YUV	128.4640, 2.2362, -110.9089
Hunter-Lab	62.7251, -44.1053, 16.9470

Details

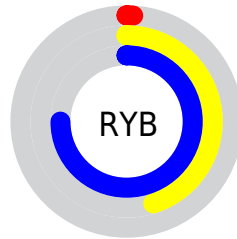
The CIELCh color **69, 57.549, 161.162** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 70.015, 19.600**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 57.890, 160.891**, and **50, 49.371, 155.755** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.910, 160.902**, and if you desaturate by 10%, it is **69, 54.572, 163.277**.

Distribution



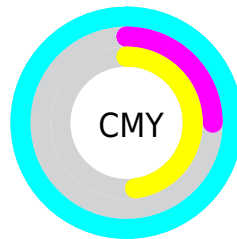
- Red (1%)
- Green (75%)
- Blue (52%)



- Red (1%)
- Yellow (45%)
- Blue (75%)



- Cyan (99%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)





- Cyan (99%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 57.549, 161.162 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, 57.549, 161.162 by changing the saturation by 10% instead.

 69, 57.549,
161.162

 69, 57.549,
161.162


 100, 57.549,
161.162


 59, 57.549,
161.162


 89, 57.549,
161.162

 49, 57.549,
161.162

 99, 57.549,
161.162

 39, 57.549,
161.162

 29, 57.549,
161.162

 19, 57.549,
161.162

 9, 57.549, 161.162

 0, 57.549, 161.162

■ 69, 57.549,
161.162

■ 69, 57.549,
161.162

■ 69, 57.910,
160.902

■ 69, 54.572,
163.277

■ 70, 50.933,
165.230

■ 70, 46.506,
166.984

■ 71, 41.297,
168.552

■ 71, 35.370,
169.957

■ 72, 28.830,
171.224

■ 74, 21.800,
172.377

■ 75, 14.409,

173.439

■ 76, 6.780, 174.447

Harmonies

Complementary

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



69, 57.549, 161.162



41, 70.015, 19.600

Rectangle

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



69, 57.549, 161.162



69, 57.549, 211.162



69, 57.549, 341.162



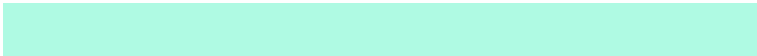
69, 57.549, 31.162

Sweetspot

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



69, 57.549, 161.162



93, 28.114, 172.184



69, 92.417, 132.796



49, 19.029, 171.699



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, 57.549, 161.162



88, 71.080, 160.517



60, 35.163, 231.604



40, 4.428, 174.384



59, 50.513, 161.219



10, 15.812, 167.130

Inverse Universe

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



41, 70.015, 19.600



53, 86.419, 21.251



42, 79.869, 42.808



38, 4.544, 355.999



34, 61.549, 19.415



3, 14.659, 2.910

Previews

White Background



This preview shows how the CIELCh color 69, 57.549, 161.162 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, 57.549, 161.162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

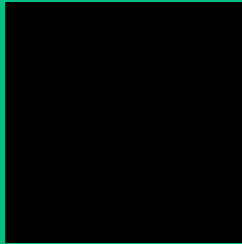
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 57.549, 161.162

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.549, 161.162.

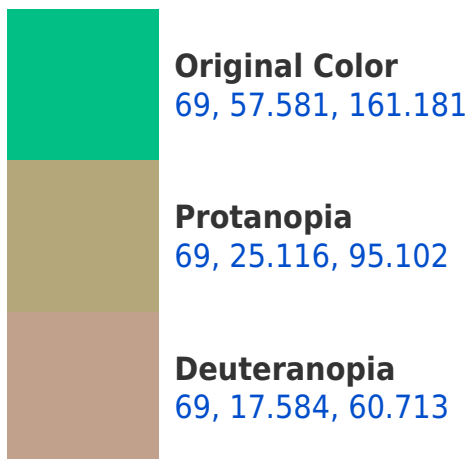


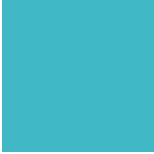
This preview shows how white text looks on a background with the CIELCh color 69, 57.549, 161.162.

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
69, 32.836, 210.735

Trichromacy



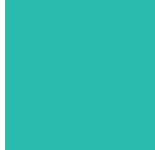
Original Color
69, 57.581, 161.181



Protanomaly
67, 36.030, 147.186



Deuteranomaly
66, 26.681, 150.992



Tritanomaly
69, 39.705, 185.860

Monochromacy



Original Color
69, 57.581, 161.181



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 27.408, 170.954

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.549, 161.162 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, 192, 133)` looks like.

```
.text, #text, p{  
    color:rgb(2, 192, 133)  
}
```

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, 192, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 192, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.549, 161.162 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, 192, 133) }
```

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

```
.border{ border-color:rgb(2, 192, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 192, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 192, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 192, 133);  
box-shadow:4px 4px 4px 4px rgb(2, 192,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.549, 161.162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 192, 133) }
```

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

```
.background{ background-color: rgb(2, 192,  
133) }
```

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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