

Converting Colors

CIELCh(69, 59.174, 159.446)

Have a look what the booklet for
CIELCh(69, 59.174, 159.446)
contains.

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Color

CIElCh(69, 59.038, 159.554)

Conversions

Conversions Part 1

Format	Color
Hex	04C081
RGB	4, 192, 129
RGB Percent	2%, 75%, 51%
CMY	0.9830, 0.2468, 0.4939
CMYK	0.98, 0.00, 0.33, 0.25
HSL	160°, 96%, 39%
HSV	160°, 98%, 75%
XYZ	22.8857, 39.3444, 27.1794
YIQ	128.6060, -91.8250, -59.4490

Conversions

Conversions Part 2

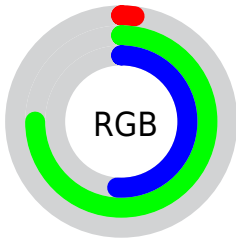
Format	Color
RYB	4, 117, 192
Decimal	311425
CIELab	69.00, -55.32, 20.62
CIELCh	69, 59.038, 159.554
Yxy	39.3444, 0.2560, 0.4400
Android (android.graphics.Color)	4278501505 (0xFF04C081)
YUV	128.6060, 0.1942, -109.2795
Hunter-Lab	62.7251, -44.6421, 18.2166

Details

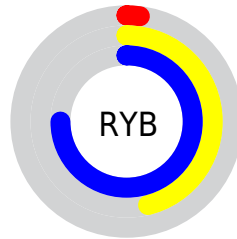
The CIELCh color **69, 59.038, 159.554** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 69.077, 16.849**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 59.321, 159.378**, and **50, 51.037, 153.958** is the 20% darker color. If you saturate the color by 10%, you get **69, 59.733, 159.078**, and if you desaturate by 10%, it is **69, 55.806, 161.703**.

Distribution



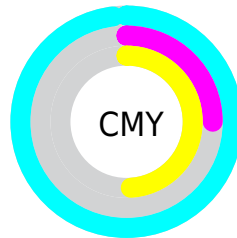
- Red (2%)
- Green (75%)
- Blue (51%)



- Red (2%)
- Yellow (46%)
- Blue (75%)



- Cyan (98%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)





- Cyan (98%)
- Magenta (25%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 59.038, 159.554 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, 59.038, 159.554 by changing the saturation by 10% instead.


 69, 59.038,
159.554


 69, 59.038,
159.554


 100, 59.038,
159.554


 59, 59.038,
159.554


 89, 59.038,
159.554

 49, 59.038,
159.554

 99, 59.038,
159.554

 39, 59.038,
159.554

 29, 59.038,
159.554

 19, 59.038,
159.554

 9, 59.038, 159.554

 0, 59.038, 159.554

■ 69, 59.038,
159.554

■ 69, 59.038,
159.554

■ 69, 59.733,
159.078

■ 69, 55.806,
161.703

■ 70, 51.877,
163.673

■ 70, 47.160,
165.441

■ 71, 41.670,
167.018

■ 72, 35.480,
168.429

■ 73, 28.701,
169.698

■ 74, 21.459,
170.849

■ 75, 13.885,

171.907

■ 76, 6.101, 172.913

Harmonies

Complementary

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



69, 59.038, 159.554



41, 69.077, 16.849

Rectangle

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



69, 59.038, 159.554



69, 59.038, 209.554



69, 59.038, 339.554



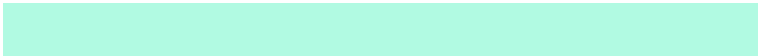
69, 59.038, 29.554

Sweetspot

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



69, 59.038, 159.554



93, 27.703, 170.659



69, 91.387, 132.027



49, 18.872, 170.169



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, 59.038, 159.554



88, 73.285, 158.688



62, 35.110, 224.133



40, 4.495, 172.749



58, 52.045, 159.401



10, 16.157, 165.403

Inverse Universe

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



41, 69.077, 16.849



53, 85.463, 18.992



42, 80.281, 41.774



38, 4.603, 354.357



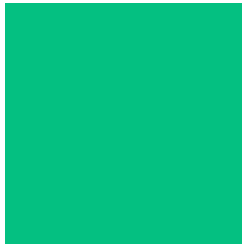
34, 60.969, 17.178



3, 14.762, 1.659

Previews

White Background



This preview shows how the CIE LCh color 69, 59.038, 159.554 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, 59.038, 159.554 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, 59.038, 159.554

Background



This preview shows how black text looks on a background with the CIELCh color 69, 59.038, 159.554.

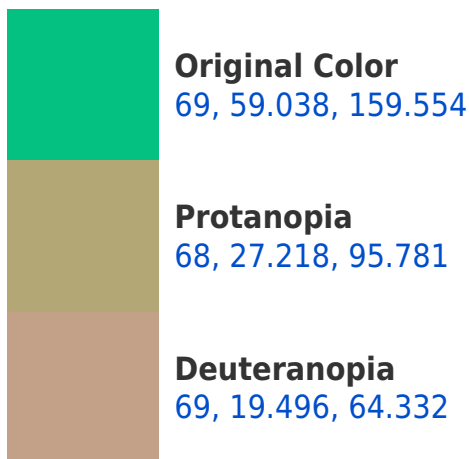


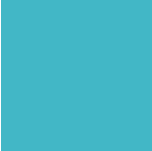
This preview shows how white text looks on a background with the CIELCh color 69, 59.038, 159.554.

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, 32.501, 211.937

Trichromacy



Original Color
69, 59.038, 159.554



Protanomaly
67, 37.552, 144.762



Deuteranomaly
66, 28.151, 147.547



Tritanomaly
69, 39.316, 185.763

Monochromacy



Original Color
69, 59.038, 159.554



Achromatopsia
54, 0.007, 296.813



Achromatomaly
58, 27.791, 168.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 59.038, 159.554 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(4, 192, 129)` looks like.

```
.text, #text, p{  
    color:rgb(4, 192, 129)  
}
```

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(4, 192, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 192, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 59.038, 159.554 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(4, 192, 129) }
```

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

```
.border{ border-color:rgb(4, 192, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 192, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 192, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 192, 129);  
box-shadow:4px 4px 4px 4px rgb(4, 192,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 59.038, 159.554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 192, 129) }
```

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

```
.background{ background-color: rgb(4, 192,  
129) }
```

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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