

Converting Colors

CIELCh(66, 60.215, 163.619)

Have a look what the booklet for
CIELCh(66, 60.215, 163.619)
contains.

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Color

CIELCh(67, 56.075, 161.216)

Conversions

Conversions Part 1

Format	Color
Hex	03BA81
RGB	3, 186, 129
RGB Percent	1%, 73%, 51%
CMY	0.9863, 0.2714, 0.4952
CMYK	0.98, 0.00, 0.31, 0.27
HSL	161°, 96%, 37%
HSV	161°, 98%, 73%
XYZ	21.5040, 36.6320, 26.6129
YIQ	124.7850, -90.7710, -56.5230

Conversions

Conversions Part 2

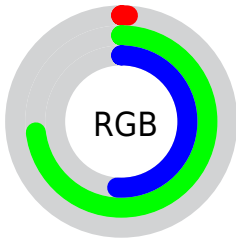
Format	Color
RYB	3, 111, 186
Decimal	244353
CIELab	67.00, -53.09, 18.06
CIELCh	67, 56.075, 161.216
Yxy	36.6320, 0.2537, 0.4322
Android (android.graphics.Color)	4278434433 (0xFF03BA81)
YUV	124.7850, 2.0780, -106.8054
Hunter-Lab	60.5244, -42.4976, 16.2969

Details

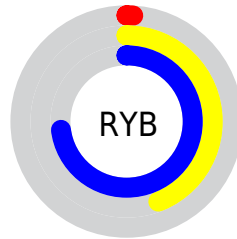
The CIELCh color **67, 56.075, 161.216** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **39, 68.037, 18.995**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **87, 56.031, 161.312**, and **48, 47.856, 155.685** is the 20% darker color. If you saturate the color by 10%, you get **67, 56.608, 160.829**, and if you desaturate by 10%, it is **67, 53.119, 163.321**.

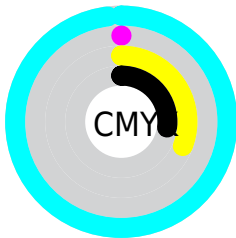
Distribution



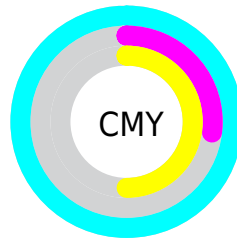
- Red (1%)
- Green (73%)
- Blue (51%)



- Red (1%)
- Yellow (44%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)





- Cyan (99%)
- Magenta (27%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 56.075, 161.216 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 67, 56.075, 161.216 by changing the saturation by 10% instead.


 67, 56.075,
161.216


 67, 56.075,
161.216


 100, 56.075,
161.216


 57, 56.075,
161.216


 87, 56.075,
161.216

 47, 56.075,
161.216

 97, 56.075,
161.216

 37, 56.075,
161.216

 27, 56.075,
161.216

 17, 56.075,
161.216

 7, 56.075, 161.216

 0, 56.075, 161.216

■ 67, 56.075,
161.216

■ 67, 56.075,
161.216

■ 67, 56.608,
160.829

■ 67, 53.119,
163.321

■ 68, 49.499,
165.256

■ 68, 45.111,
166.993

■ 69, 39.967,
168.547

■ 69, 34.133,
169.939

■ 70, 27.711,
171.195

■ 72, 20.823,
172.339

■ 73, 13.594,

173.394

■ 74, 6.142, 174.400

Harmonies

Complementary

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



67, 56.075, 161.216



39, 68.037, 18.995

Rectangle

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



67, 56.075, 161.216



67, 56.075, 211.216



67, 56.075, 341.216



67, 56.075, 31.216

Sweetspot

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



67, 56.075, 161.216



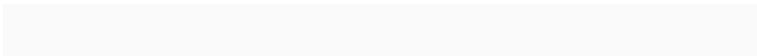
91, 26.579, 172.189



67, 89.980, 132.732



48, 18.248, 171.705



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 56.075, 161.216



85, 69.526, 160.430



58, 34.282, 231.310



38, 4.239, 174.277



57, 49.381, 161.155



8, 12.619, 167.626

Inverse Universe

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



39, 68.037, 18.995



51, 84.293, 20.993



41, 77.480, 42.781



36, 4.349, 355.879



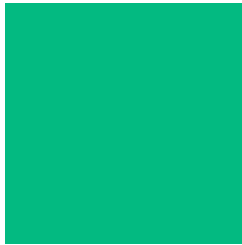
32, 60.020, 19.099



2, 11.257, 1.074

Previews

White Background



This preview shows how the CIELCh color 67, 56.075, 161.216 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 CIE LCh color 67, 56.075, 161.216 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 67, 56.075, 161.216

Background



This preview shows how black text looks on a background with the CIELCh color 67, 56.075, 161.216.

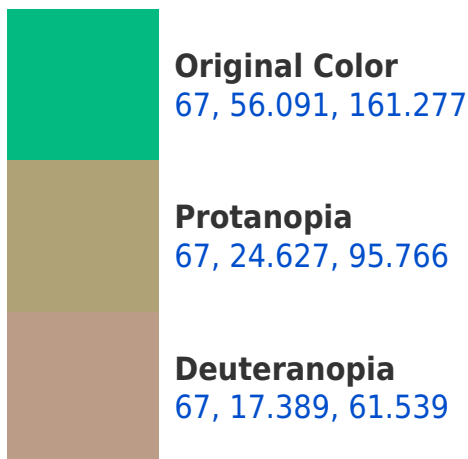


This preview shows how white text looks on a background with the CIELCh color 67, 56.075, 161.216.

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
67, 31.980, 211.209

Trichromacy



Original Color
67, 56.091, 161.277



Protanomaly
65, 35.317, 146.858



Deuteranomaly
64, 26.152, 151.192



Tritanomaly
67, 38.544, 186.335

Monochromacy



Original Color
67, 56.091, 161.277



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 26.700, 170.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 56.075, 161.216 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(3, 186, 129)` looks like.

```
.text, #text, p{  
    color:rgb(3, 186, 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(3, 186, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 186, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 56.075, 161.216 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(3, 186, 129) }
```

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

```
.border{ border-color:rgb(3, 186, 129) }
```

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

Here you see how a box with a 4 pixel rgb(3, 186, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 186, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 186, 129);  
box-shadow:4px 4px 4px 4px rgb(3, 186,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 56.075, 161.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 186, 129) }
```

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

```
.background{ background-color: rgb(3, 186,  
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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