

Converting Colors

CIELCh(70, 63.291, 162.699)

Have a look what the booklet for
CIELCh(70, 63.291, 162.699)
contains.

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Color

CIELCh(71, 59.353, 160.600)

Conversions

Conversions Part 1

Format	Color
Hex	05C688
RGB	5, 198, 136
RGB Percent	2%, 78%, 53%
CMY	0.9816, 0.2236, 0.4670
CMYK	0.98, 0.00, 0.31, 0.22
HSL	161°, 95%, 40%
HSV	161°, 98%, 78%
XYZ	24.6871, 42.1875, 30.0993
YIQ	133.2250, -95.1260, -60.1980

Conversions

Conversions Part 2

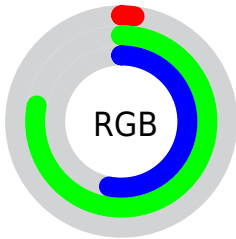
Format	Color
RYB	5, 120, 198
Decimal	378504
CIELab	71.00, -55.98, 19.71
CIELCh	71, 59.353, 160.600
Yxy	42.1875, 0.2546, 0.4350
Android (android.graphics.Color)	4278568584 (0xFF05C688)
YUV	133.2250, 1.3681, -112.4533
Hunter-Lab	64.9519, -45.8212, 17.9909

Details

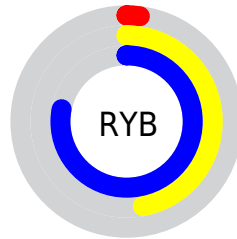
The CIELCh color **71, 59.353, 160.600** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **42, 71.038, 18.235**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 58.713, 160.985**, and **52, 51.286, 155.376** is the 20% darker color. If you saturate the color by 10%, you get **71, 60.069, 160.098**, and if you desaturate by 10%, it is **71, 56.178, 162.736**.

Distribution



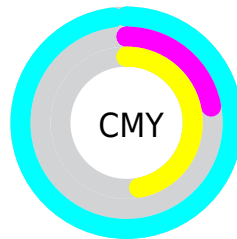
- Red (2%)
- Green (78%)
- Blue (53%)



- Red (2%)
- Yellow (47%)
- Blue (78%)



- Cyan (98%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)





- Cyan (98%)
- Magenta (22%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 59.353, 160.600 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 71, 59.353, 160.600 by changing the saturation by 10% instead.


 71, 59.353,
160.600

 71, 59.353,
160.600


 100, 59.353,
160.600


 61, 59.353,
160.600

 91, 59.353,
160.600

 51, 59.353,
160.600

 41, 59.353,
160.600

 31, 59.353,
160.600

 21, 59.353,
160.600

 11, 59.353,
160.600

 1, 59.353, 160.600

■ 0, 59.353, 160.600

■ 71, 59.353,
160.600

■ 71, 59.353,
160.600

■ 71, 60.069,
160.098

■ 71, 56.178,
162.736

■ 72, 52.282,
164.690

■ 72, 47.575,
166.443

■ 73, 42.071,
168.009

■ 74, 35.843,
169.411

■ 75, 29.001,
170.674

■ 76, 21.676,
171.823

■ 77, 14.002,
172.881

■ 79, 6.102, 173.890

Harmonies

Complementary

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



71, 59.353, 160.600



42, 71.038, 18.235

Rectangle

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



71, 59.353, 160.600



71, 59.353, 210.600



71, 59.353, 340.600



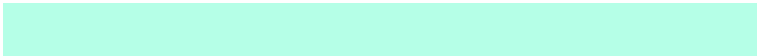
71, 59.353, 30.600

Sweetspot

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



71, 59.353, 160.600



95, 27.867, 171.622



71, 93.885, 132.403



50, 18.979, 171.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 59.353, 160.600



89, 73.113, 159.736



63, 35.854, 227.716



41, 4.551, 173.711



59, 51.754, 160.438



11, 17.086, 166.211

Inverse Universe

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



42, 71.038, 18.235



54, 87.369, 20.408



43, 81.619, 42.195



39, 4.667, 355.331



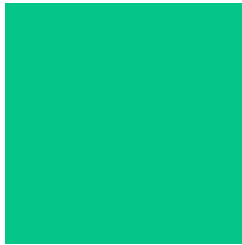
34, 62.036, 18.591



4, 16.611, 3.157

Previews

White Background



This preview shows how the CIELCh color 71, 59.353, 160.600 looks on a white background.

Color Contrast Check

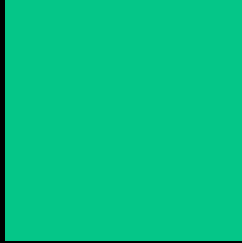
Large Text (above 18pt) WCAG AA × Fail

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 71, 59.353, 160.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

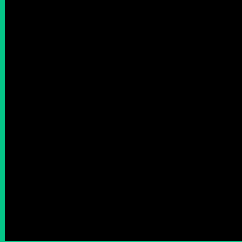
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 59.353, 160.600

Background



This preview shows how black text looks on a background with the CIELCh color 71, 59.353, 160.600.

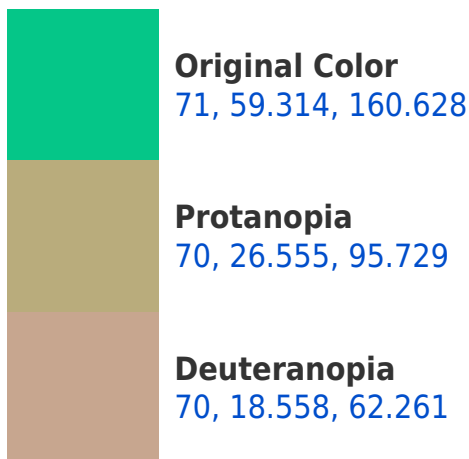


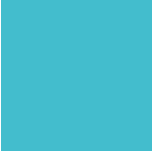
This preview shows how white text looks on a background with the CIELCh color 71, 59.353, 160.600.

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
71, 33.507, 212.365

Trichromacy



Original Color
71, 59.314, 160.628



Protanomaly
68, 37.379, 146.101



Deuteranomaly
68, 28.262, 149.845



Tritanomaly
71, 40.135, 186.852

Monochromacy



Original Color
71, 59.314, 160.628



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 28.471, 169.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 59.353, 160.600 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(5, 198, 136)` looks like.

```
.text, #text, p{  
    color:rgb(5, 198, 136)  
}
```

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(5, 198, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 198, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 59.353, 160.600 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(5, 198, 136) }
```

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

```
.border{ border-color:rgb(5, 198, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 198, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 198, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 198, 136);  
box-shadow:4px 4px 4px 4px rgb(5, 198,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 59.353, 160.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 198, 136) }
```

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

```
.background{ background-color: rgb(5, 198,  
136) }
```

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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