

Converting Colors

CIELCh(71, 51.145, 170.272)

Have a look what the booklet for
CIELCh(71, 51.145, 170.272)
contains.

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Color

CIELCh(71, 51.539, 169.828)

Conversions

Conversions Part 1

Format	Color
Hex	06C59C
RGB	6, 197, 156
RGB Percent	2%, 77%, 61%
CMY	0.9759, 0.2289, 0.3896
CMYK	0.97, 0.00, 0.21, 0.23
HSL	167°, 94%, 40%
HSV	167°, 97%, 77%
XYZ	25.9270, 42.1875, 38.0702
YIQ	135.2170, -100.6750, -53.2430

Conversions

Conversions Part 2

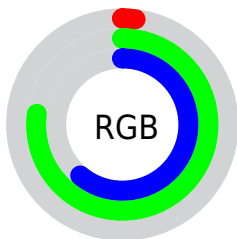
Format	Color
RYB	6, 113, 197
Decimal	443804
CIELab	71.00, -50.73, 9.10
CIELCh	71, 51.539, 169.828
Yxy	42.1875, 0.2442, 0.3973
Android (android.graphics.Color)	4278633884 (0xFF06C59C)
YUV	135.2170, 10.2460, -113.3233
Hunter-Lab	64.9519, -42.4134, 10.7148

Details

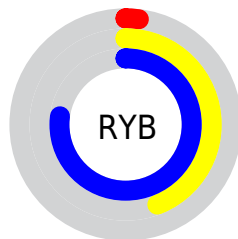
The CIELCh color **71, 51.539, 169.828** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 74.226, 26.967**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 51.876, 169.456**, and **52, 43.151, 165.620** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.182, 169.250**, and if you desaturate by 10%, it is **71, 49.279, 171.667**.

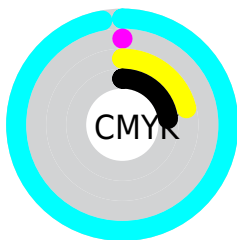
Distribution



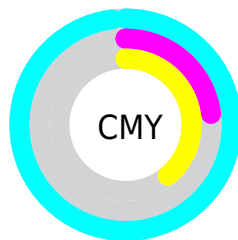
- Red (2%)
- Green (77%)
- Blue (61%)



- Red (2%)
- Yellow (44%)
- Blue (77%)



- Cyan (97%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)





- Cyan (98%)
- Magenta (23%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 51.539, 169.828 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, 51.539, 169.828 by changing the saturation by 10% instead.


 71, 51.539,
169.828


 71, 51.539,
169.828


 100, 51.539,
169.828


 61, 51.539,
169.828


 91, 51.539,
169.828

 51, 51.539,
169.828

 41, 51.539,
169.828

 31, 51.539,
169.828

 21, 51.539,
169.828

 11, 51.539,
169.828

 1, 51.539, 169.828

■ 0, 51.539, 169.828

■ 71, 51.539,
169.828

■ 71, 51.539,
169.828

■ 71, 52.182,
169.250

■ 71, 49.279,
171.667

■ 72, 46.269,
173.337

■ 72, 42.427,
174.839

■ 73, 37.758,
176.195

■ 73, 32.325,
177.427

■ 74, 26.227,
178.559

■ 76, 19.585,
179.611

■ 77, 12.525,
180.605

■ 78, 5.167, 181.587

Harmonies

Complementary

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



71, 51.539, 169.828



41, 74.226, 26.967

Rectangle

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



71, 51.539, 169.828



71, 51.539, 219.828



71, 51.539, 349.828



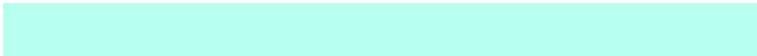
71, 51.539, 39.828

Sweetspot

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



71, 51.539, 169.827



95, 25.956, 179.346



70, 95.513, 134.389



50, 17.625, 178.891



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, 51.539, 169.827



90, 63.734, 168.925



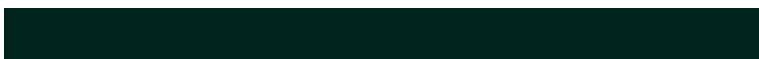
56, 38.710, 251.700



41, 4.293, 181.333



60, 45.277, 169.534



11, 15.432, 174.412

Inverse Universe

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



41, 74.226, 26.967



54, 92.956, 29.483



46, 76.421, 46.661



39, 4.447, 2.915



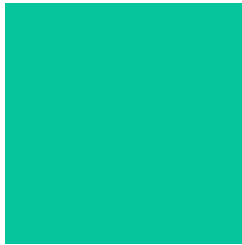
34, 65.599, 27.723



3, 16.225, 8.400

Previews

White Background



This preview shows how the CIELCh color 71, 51.539, 169.828 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 71, 51.539, 169.828 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, 51.539, 169.828

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.539, 169.828.

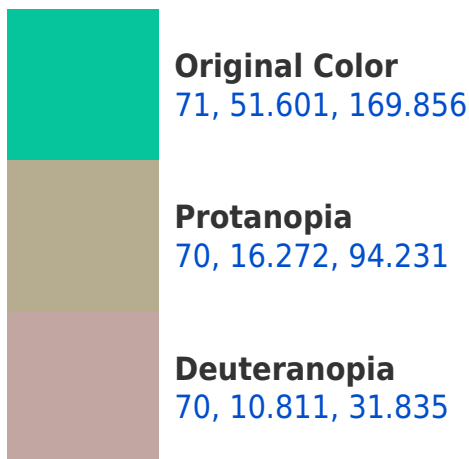


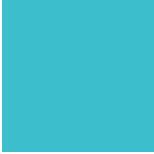
This preview shows how white text looks on a background with the CIELCh color 71, 51.539, 169.828.

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](#).

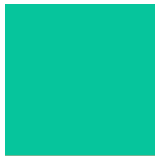
Dichromacy





Tritanopia
71, 34.646, 210.810

Trichromacy



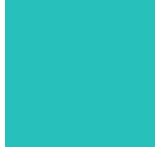
Original Color
71, 51.601, 169.856



Protanomaly
69, 29.433, 159.150

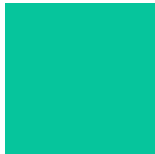


Deuteranomaly
68, 21.081, 171.267



Tritanomaly
71, 39.158, 192.403

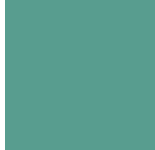
Monochromacy



Original Color
71, 51.601, 169.856



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 25.319, 178.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.539, 169.828 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, 197, 156)` looks like.

```
.text, #text, p{  
    color:rgb(6, 197, 156)  
}
```

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, 197, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 197, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.539, 169.828 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, 197, 156) }
```

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

```
.border{ border-color:rgb(6, 197, 156) }
```

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

Here you see how a box with a 4 pixel rgb(6, 197, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 197, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 197, 156);  
box-shadow:4px 4px 4px 4px rgb(6, 197,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.539, 169.828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 197, 156) }
```

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

```
.background{ background-color: rgb(6, 197,  
156) }
```

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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