

Converting Colors

CIELCh(71, 54.850, 165.925)

Have a look what the booklet for
CIELCh(71, 54.850, 165.925)
contains.

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Color

CIELCh(71, 54.568, 166.094)

Conversions

Conversions Part 1

Format	Color
Hex	01C594
RGB	1, 197, 148
RGB Percent	0%, 77%, 58%
CMY	0.9956, 0.2265, 0.4188
CMYK	0.99, 0.00, 0.25, 0.23
HSL	165°, 99%, 39%
HSV	165°, 99%, 77%
XYZ	25.3935, 42.1875, 34.9095
YIQ	132.8100, -101.0870, -56.7910

Conversions

Conversions Part 2

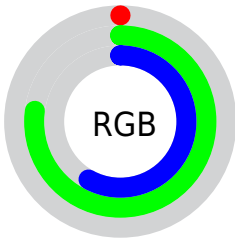
Format	Color
RYB	1, 113, 197
Decimal	116116
CIELab	71.00, -52.97, 13.11
CIELCh	71, 54.568, 166.094
Yxy	42.1875, 0.2478, 0.4116
Android (android.graphics.Color)	4278306196 (0xFF01C594)
YUV	132.8100, 7.4887, -115.5974
Hunter-Lab	64.9519, -43.8797, 13.5999

Details

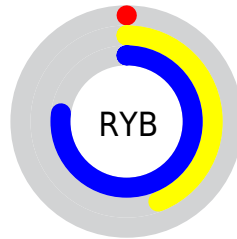
The CIELCh color **71, 54.568, 166.094** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41, 74.117, 25.472**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 54.774, 165.966**, and **52, 46.279, 161.047** is the 20% darker color. If you saturate the color by 10%, you get **71, 54.702, 165.984**, and if you desaturate by 10%, it is **71, 52.115, 168.074**.

Distribution



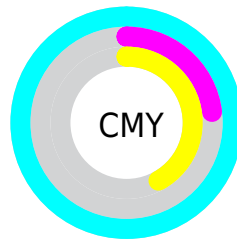
- Red (0%)
- Green (77%)
- Blue (58%)



- Red (0%)
- Yellow (44%)
- Blue (77%)



- Cyan (99%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)




- Cyan (100%)
- Magenta (23%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 54.568, 166.094 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, 54.568, 166.094 by changing the saturation by 10% instead.


 71, 54.568,
166.094


 71, 54.568,
166.094


 100, 54.568,
166.094


 61, 54.568,
166.094


 91, 54.568,
166.094

 51, 54.568,
166.094

 41, 54.568,
166.094

 31, 54.568,
166.094

 21, 54.568,
166.094

 11, 54.568,
166.094

 1, 54.568, 166.094

■ 0, 54.568, 166.094

■ 71, 54.568,
166.094

■ 71, 54.568,
166.094

■ 71, 54.702,
165.984

■ 71, 52.115,
168.074

■ 72, 49.003,
169.907

■ 72, 45.075,
171.554

■ 73, 40.325,
173.033

■ 73, 34.805,
174.367

■ 74, 28.611,
175.580

■ 75, 21.864,
176.696

■ 77, 14.693,
177.735

■ 78, 7.222, 178.732

Harmonies

Complementary

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



71, 54.568, 166.094



41, 74.117, 25.472

Rectangle

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



71, 54.568, 166.094



71, 54.568, 216.094



71, 54.568, 346.094



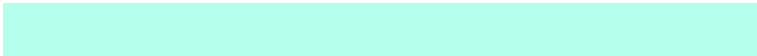
71, 54.568, 36.094

Sweetspot

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



71, 54.568, 166.093



95, 27.391, 176.586



70, 95.968, 134.010



50, 18.509, 176.115



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, 54.568, 166.093



90, 66.699, 165.643



57, 37.669, 246.230



41, 4.369, 178.737



60, 47.322, 166.292



11, 15.956, 171.549

Inverse Universe

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



41, 74.117, 25.472



54, 90.884, 26.706



45, 79.681, 45.107



39, 4.510, 0.347



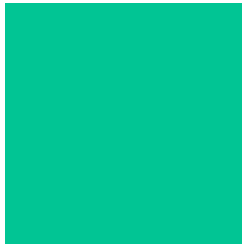
34, 64.245, 24.894



4, 16.334, 6.680

Previews

White Background



This preview shows how the CIELCh color 71, 54.568, 166.094 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, 54.568, 166.094 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, 54.568, 166.094

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.568, 166.094.

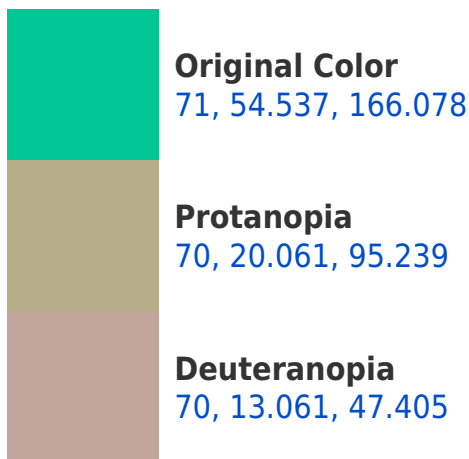


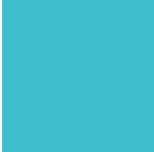
This preview shows how white text looks on a background with the CIELCh color 71, 54.568, 166.094.

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, 34.248, 210.999

Trichromacy



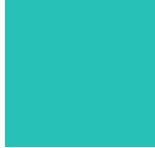
Original Color
71, 54.537, 166.078



Protanomaly
69, 32.801, 153.729



Deuteranomaly
68, 23.614, 163.460



Tritanomaly
71, 40.080, 189.259

Monochromacy



Original Color
71, 54.537, 166.078



Achromatopsia
56, 0.007, 296.813



Achromatomaly
60, 26.655, 175.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.568, 166.094 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(1, 197, 148)` looks like.

```
.text, #text, p{  
    color:rgb(1, 197, 148)  
}
```

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(1, 197, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 197, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.568, 166.094 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(1, 197, 148) }
```

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

```
.border{ border-color:rgb(1, 197, 148) }
```

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

Here you see how a box with a 4 pixel rgb(1, 197, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 197, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 197, 148);  
box-shadow:4px 4px 4px 4px rgb(1, 197,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.568, 166.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 197, 148) }
```

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

```
.background{ background-color: rgb(1, 197,  
148) }
```

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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