

Converting Colors

CIELCh(72, 72.829, 150.769)

Have a look what the booklet for
CIELCh(72, 72.829, 150.769)
contains.

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Color

CIELCh(72, 72.733, 150.651)

Conversions

Conversions Part 1

Format	Color
Hex	00CB6C
RGB	0, 203, 108
RGB Percent	0%, 80%, 42%
CMY	1.0000, 0.2049, 0.5774
CMYK	1.00, 0.00, 0.47, 0.20
HSL	152°, 100%, 40%
HSV	152°, 100%, 80%
XYZ	23.9734, 43.6590, 21.2860
YIQ	131.4730, -90.4930, -72.5810

Conversions

Conversions Part 2

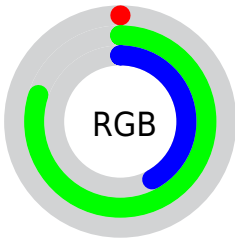
Format	Color
RYB	0, 133, 203
Decimal	52076
CIELab	72.00, -63.40, 35.65
CIELCh	72, 72.733, 150.651
Yxy	43.6590, 0.2696, 0.4910
Android (android.graphics.Color)	4278242156 (0xFF00CB6C)
YUV	131.4730, -11.5722, -115.3018
Hunter-Lab	66.0750, -50.8677, 27.1523

Details

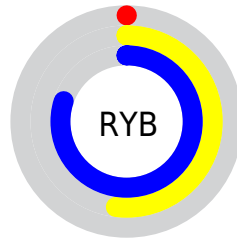
The CIELCh color **72, 72.733, 150.651** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **43, 71.047, 5.347**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 69.439, 151.550**, and **53, 64.681, 144.868** is the 20% darker color. If you saturate the color by 10%, you get **72, 72.698, 150.628**, and if you desaturate by 10%, it is **72, 68.341, 152.864**.

Distribution



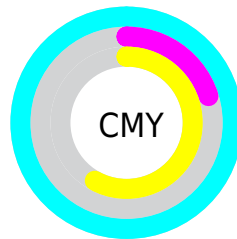
- Red (0%)
- Green (80%)
- Blue (42%)



- Red (0%)
- Yellow (52%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)





- Cyan (100%)
- Magenta (20%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 72.733, 150.651 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 72, 72.733, 150.651 by changing the saturation by 10% instead.


 72, 72.733,
150.651


 72, 72.733,
150.651


 100, 72.733,
150.651


 62, 72.733,
150.651


 92, 72.733,
150.651

 52, 72.733,
150.651

 42, 72.733,
150.651

 32, 72.733,
150.651

 22, 72.733,
150.651

 12, 72.733,
150.651

 2, 72.733, 150.651

■ 0, 72.733, 150.651

■ 72, 72.733,
150.651

■ 72, 72.733,
150.651

■ 72, 72.698,
150.628

■ 72, 68.341,
152.864

■ 73, 63.292,
154.976

■ 73, 57.405,
156.877

■ 74, 50.701,
158.567

■ 75, 43.265,
160.062

■ 76, 35.228,
161.384

■ 77, 26.739,
162.560

■ 78, 17.949,
163.613

■ 80, 8.995, 164.578

Harmonies

Complementary

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



72, 72.733, 150.651



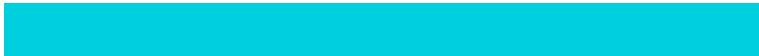
43, 71.047, 5.347

Rectangle

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



72, 72.733, 150.651



72, 72.733, 200.651



72, 72.733, 330.651



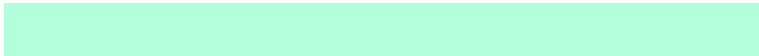
72, 72.733, 20.651

Sweetspot

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



72, 72.698, 150.628



94, 32.197, 162.515



73, 92.367, 128.687



50, 21.867, 162.027



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 72.698, 150.628



89, 86.995, 150.291



73, 41.175, 199.029



42, 5.128, 164.634



60, 62.140, 150.990



12, 20.725, 156.842

Inverse Universe

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



43, 71.047, 5.347



55, 84.428, 6.042



42, 87.758, 40.156



40, 5.202, 346.143



35, 61.196, 4.612



4, 19.622, 355.479

Previews

White Background



This preview shows how the CIELCh color 72, 72.733, 150.651 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 72, 72.733, 150.651 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 72, 72.733, 150.651

Background



This preview shows how black text looks on a background with the CIELCh color 72, 72.733, 150.651.

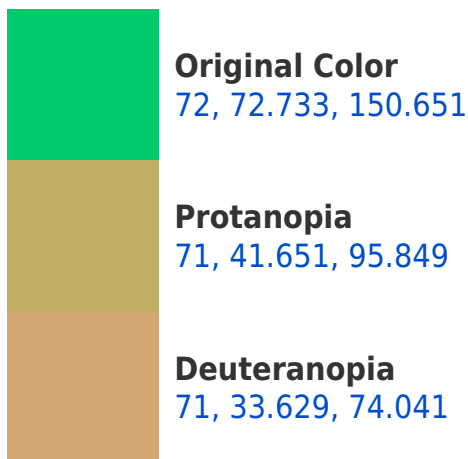


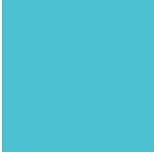
This preview shows how white text looks on a background with the CIELCh color 72, 72.733, 150.651.

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
72, 32.694, 211.766

Trichromacy



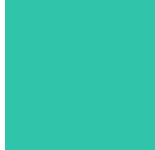
Original Color
72, 72.733, 150.651



Protanomaly
69, 50.731, 135.172



Deuteranomaly
69, 40.493, 133.516



Tritanomaly
72, 43.651, 177.823

Monochromacy



Original Color
72, 72.733, 150.651



Achromatopsia
55, 0.007, 296.813



Achromatomaly
59, 33.105, 161.066

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 72.733, 150.651 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(0, 203, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 203, 108)  
}
```

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(0, 203, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 203, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 72.733, 150.651 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(0, 203, 108) }
```

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

```
.border{ border-color:rgb(0, 203, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 203, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 203, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 203, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 203,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 72.733, 150.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 203, 108) }
```

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

```
.background{ background-color: rgb(0, 203,  
108) }
```

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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