

Converting Colors

CIELCh(71, 74.017, 149.019)

Have a look what the booklet for
CIELCh(71, 74.017, 149.019)
contains.

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Color

CIELCh(71, 74.222, 148.913)

Conversions

Conversions Part 1

Format	Color
Hex	04C864
RGB	4, 200, 100
RGB Percent	2%, 78%, 39%
CMY	0.9831, 0.2162, 0.6083
CMYK	0.98, 0.00, 0.50, 0.22
HSL	149°, 96%, 40%
HSV	149°, 98%, 78%
XYZ	22.9689, 42.1875, 18.9563
YIQ	129.9960, -84.7160, -72.6520

Conversions

Conversions Part 2

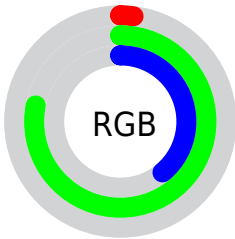
Format	Color
RYB	4, 136, 200
Decimal	313444
CIELab	71.00, -63.56, 38.32
CIELCh	71, 74.222, 148.913
Yxy	42.1875, 0.2731, 0.5016
Android (android.graphics.Color)	4278503524 (0xFF04C864)
YUV	129.9960, -14.7880, -110.4985
Hunter-Lab	64.9519, -50.5429, 28.1625

Details

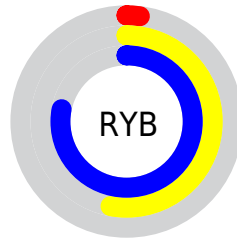
The CIELCh color **71, 74.222, 148.913** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **43, 70.394, 0.343**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 72.500, 149.424**, and **52, 66.212, 143.138** is the 20% darker color. If you saturate the color by 10%, you get **71, 75.192, 148.449**, and if you desaturate by 10%, it is **71, 69.505, 151.131**.

Distribution



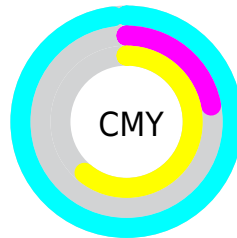
- Red (2%)
- Green (78%)
- Blue (39%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (50%)
- Black (22%)





- Cyan (98%)
- Magenta (22%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 74.222, 148.913 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, 74.222, 148.913 by changing the saturation by 10% instead.


 71, 74.222,
148.913


 71, 74.222,
148.913


 100, 74.222,
148.913


 61, 74.222,
148.913


 91, 74.222,
148.913

 51, 74.222,
148.913

 41, 74.222,
148.913

 31, 74.222,
148.913

 21, 74.222,
148.913

 11, 74.222,
148.913

 1, 74.222, 148.913

■ 0, 74.222, 148.913

■ 71, 74.222,
148.913

■ 71, 74.222,
148.913

■ 71, 75.192,
148.449

■ 71, 69.505,
151.131

■ 72, 63.999,
153.189

■ 72, 57.643,
155.038

■ 73, 50.483,
156.677

■ 74, 42.627,
158.123

■ 75, 34.217,
159.397

■ 76, 25.410,
160.526

■ 78, 16.355,
161.534

■ 79, 7.187, 162.461

Harmonies

Complementary

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



71, 74.222, 148.913



43, 70.394, 0.343

Rectangle

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



71, 74.222, 148.913



71, 74.222, 198.913



71, 74.222, 328.913



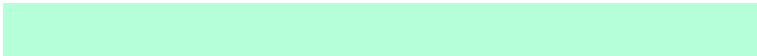
71, 74.222, 18.913

Sweetspot

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



71, 74.222, 148.913



94, 32.218, 160.357



72, 89.675, 127.348



50, 22.025, 159.876



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, 74.222, 148.913



88, 91.010, 148.093



73, 42.103, 193.902



41, 5.179, 162.320



59, 64.202, 148.815



11, 20.235, 155.428

Inverse Universe

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



43, 70.394, 0.343



55, 84.770, 1.845



42, 85.150, 38.836



39, 5.241, 343.773



35, 60.866, 0.503



4, 17.970, 352.292

Previews

White Background



This preview shows how the CIELCh color 71, 74.222, 148.913 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, 74.222, 148.913 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, 74.222, 148.913

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.222, 148.913.

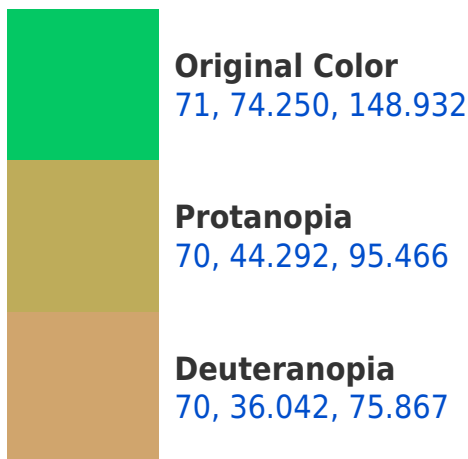


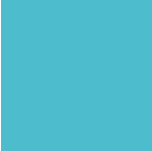
This preview shows how white text looks on a background with the CIELCh color 71, 74.222, 148.913.

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, 31.760, 213.352

Trichromacy



Original Color
71, 74.250, 148.932



Protanomaly
68, 52.515, 132.774



Deuteranomaly
68, 42.561, 130.981



Tritanomaly
70, 42.912, 176.662

Monochromacy



Original Color
71, 74.250, 148.932



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 33.220, 158.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.222, 148.913 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(4, 200, 100)` looks like.

```
.text, #text, p{  
    color:rgb(4, 200, 100)  
}
```

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(4, 200, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 200, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.222, 148.913 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(4, 200, 100) }
```

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

```
.border{ border-color:rgb(4, 200, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 200, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 200, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 200, 100);  
box-shadow:4px 4px 4px 4px rgb(4, 200,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.222, 148.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 200, 100) }
```

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

```
.background{ background-color: rgb(4, 200,  
100) }
```

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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