

Converting Colors

CIELCh(71, 73.926, 149.021)

Have a look what the booklet for
CIELCh(71, 73.926, 149.021)
contains.

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Color

CIELCh(71, 74.193, 148.894)

Conversions

Conversions Part 1

Format	Color
Hex	05C864
RGB	5, 200, 100
RGB Percent	2%, 78%, 39%
CMY	0.9794, 0.2163, 0.6084
CMYK	0.97, 0.00, 0.50, 0.22
HSL	149°, 95%, 40%
HSV	149°, 97%, 78%
XYZ	22.9772, 42.1875, 18.9532
YIQ	130.2950, -84.1200, -72.4400

Conversions

Conversions Part 2

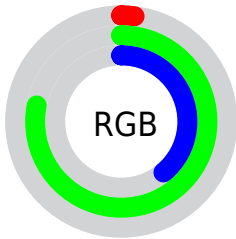
Format	Color
RYB	5, 136, 200
Decimal	378980
CIELab	71.00, -63.53, 38.33
CIELCh	71, 74.193, 148.894
Yxy	42.1875, 0.2732, 0.5015
Android (android.graphics.Color)	4278569060 (0xFF05C864)
YUV	130.2950, -14.9354, -109.8837
Hunter-Lab	64.9519, -50.5201, 28.1653

Details

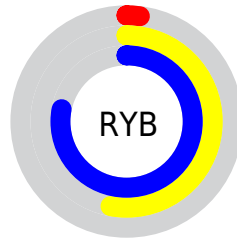
The CIELCh color **71, 74.193, 148.894** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **43, 70.378, 359.932**, and the grayscale version is **55, 0.007, 296.813**.

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, 75.378, 148.328**, and if you desaturate by 10%, it is **71, 69.432, 151.109**.

Distribution



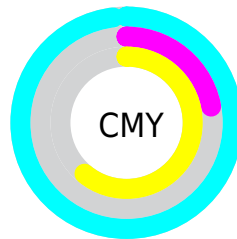
- Red (2%)
- Green (78%)
- Blue (39%)



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



- Cyan (97%)
- Magenta (0%)
- Yellow (50%)
- Black (22%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 74.193, 148.894 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, 74.193, 148.894 by changing the saturation by 10% instead.


 71, 74.193,
148.894

 71, 74.193,
148.894


 100, 74.193,
148.894


 61, 74.193,
148.894


 91, 74.193,
148.894

 51, 74.193,
148.894

 41, 74.193,
148.894

 31, 74.193,
148.894

 21, 74.193,
148.894

 11, 74.193,
148.894

 1, 74.193, 148.894

■ 0, 74.193, 148.894

■ 71, 74.193,
148.894

■ 71, 74.193,
148.894

■ 71, 75.378,
148.328

■ 71, 69.432,
151.109

■ 72, 63.867,
153.157

■ 72, 57.452,
154.995

■ 73, 50.236,
156.624

■ 74, 42.330,
158.061

■ 75, 33.878,
159.327

■ 76, 25.036,
160.448

■ 78, 15.955,
161.450

■ 79, 6.768, 162.373

Harmonies

Complementary

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



71, 74.193, 148.894



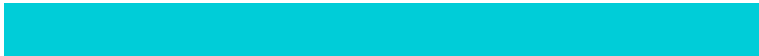
43, 70.378, 359.932

Rectangle

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



71, 74.193, 148.894



71, 74.193, 198.894



71, 74.193, 328.894



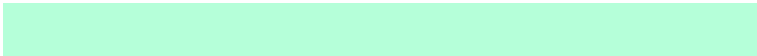
71, 74.193, 18.894

Sweetspot

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



71, 74.193, 148.894



94, 32.281, 160.229



72, 89.516, 127.298



50, 22.069, 159.749



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, 74.193, 148.894



88, 91.240, 147.972



73, 42.071, 193.915



41, 5.188, 162.190



59, 64.364, 148.694



11, 20.274, 155.323

Inverse Universe

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



43, 70.378, 359.932



55, 84.806, 1.604



42, 84.905, 38.723



39, 5.250, 343.639



35, 60.898, 0.272



4, 17.995, 352.139

Previews

White Background



This preview shows how the CIELCh color 71, 74.193, 148.894 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, 74.193, 148.894 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, 74.193, 148.894

Background



This preview shows how black text looks on a background with the CIELCh color 71, 74.193, 148.894.

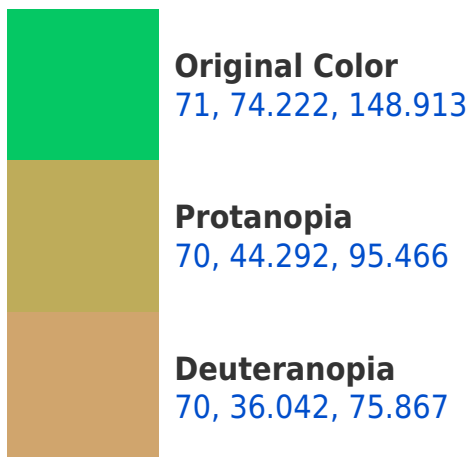


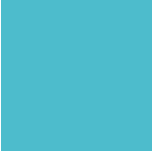
This preview shows how white text looks on a background with the CIELCh color 71, 74.193, 148.894.

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



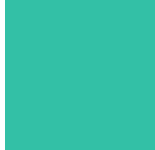
Original Color
71, 74.222, 148.913



Protanomaly
68, 52.337, 132.436



Deuteranomaly
68, 42.561, 130.981



Tritanomaly
70, 42.912, 176.662

Monochromacy



Original Color
71, 74.222, 148.913



Achromatopsia
54, 0.007, 296.813



Achromatomaly
59, 32.985, 158.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 74.193, 148.894 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, 200, 100)` looks like.

```
.text, #text, p{  
    color:rgb(5, 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(5, 200, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 200, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 74.193, 148.894 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, 200, 100) }
```

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

```
.border{ border-color:rgb(5, 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(5, 200, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 200, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 200, 100);  
box-shadow:4px 4px 4px 4px rgb(5, 200,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 74.193, 148.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 200, 100) }
```

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

```
.background{ background-color: rgb(5, 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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