

Converting Colors

CIELCh(74, 93.215, 128.206)

Have a look what the booklet for
CIELCh(74, 93.215, 128.206)
contains.

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Color

CIELCh(74, 92.721, 128.240)

Conversions

Conversions Part 1

Format	Color
Hex	66CD01
RGB	102, 205, 1
RGB Percent	40%, 80%, 0%
CMY	0.5983, 0.1945, 0.9955
CMYK	0.50, 0.00, 0.99, 0.19
HSL	90°, 99%, 41%
HSV	90°, 99%, 81%
XYZ	27.4602, 46.7039, 7.6000
YIQ	150.9470, 4.0960, -85.2800

Conversions

Conversions Part 2

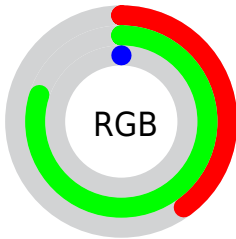
Format	Color
RYB	1, 205, 104
Decimal	6737153
CIELab	74.00, -57.39, 72.83
CIELCh	74, 92.721, 128.240
Yxy	46.7039, 0.3358, 0.5712
Android (android.graphics.Color)	4284927233 (0xFF66CD01)
YUV	150.9470, -73.9239, -42.9265
Hunter-Lab	68.3403, -47.8714, 41.2447

Details

The CIELCh color **74, 92.721, 128.240** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **33, 105.753, 311.941**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 88.808, 127.696**, and **54, 78.910, 134.411** is the 20% darker color. If you saturate the color by 10%, you get **74, 92.910, 128.298**, and if you desaturate by 10%, it is **74, 89.021, 127.213**.

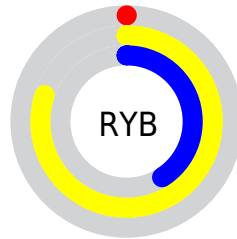
Distribution



Red (40%)

Green (80%)

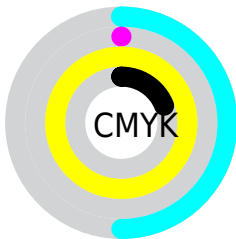
Blue (0%)



Red (0%)

Yellow (80%)

Blue (41%)

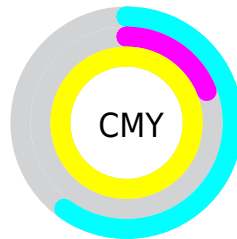


Cyan (50%)

Magenta (0%)

Yellow (99%)

Black (19%)



Cyan (60%)


Magenta (19%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 92.721, 128.240 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 74, 92.721, 128.240 by changing the saturation by 10% instead.


 74, 92.721,
128.240


 74, 92.721,
128.240


 100, 92.721,
128.240


 64, 92.721,
128.240


 94, 92.721,
128.240

 54, 92.721,
128.240

 44, 92.721,
128.240

 34, 92.721,
128.240

 24, 92.721,
128.240

 14, 92.721,
128.240

 4, 92.721, 128.240

■ 0, 92.721, 128.240

■ 74, 92.721,
128.240

■ 74, 92.721,
128.240

■ 74, 92.910,
128.298

■ 74, 89.021,
127.213

■ 75, 83.322,
126.615

■ 76, 75.633,
126.451

■ 76, 66.427,
126.597

■ 77, 56.183,
126.934

■ 78, 45.277,
127.372

■ 79, 33.980,
127.852

■ 80, 22.479,
128.338

■ 81, 10.902,
128.811

Harmonies

Complementary

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



74, 92.721, 128.240



33, 105.753, 311.941

Rectangle

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



74, 92.721, 128.240



74, 92.721, 178.240



74, 92.721, 308.240



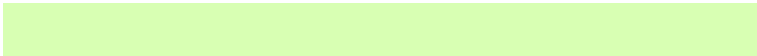
74, 92.721, 358.240

Sweetspot

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



74, 92.721, 128.241



96, 41.262, 127.806



55, 72.247, 60.434



51, 28.096, 127.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 92.721, 128.241



90, 109.587, 128.504



72, 101.630, 136.036



42, 6.517, 128.813



61, 79.023, 128.048



13, 24.569, 130.600

Inverse Universe

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



33, 105.753, 311.941



41, 124.936, 311.769



49, 98.076, 328.229



40, 6.605, 309.620



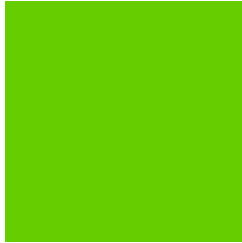
26, 90.229, 312.084



3, 24.562, 306.798

Previews

White Background



This preview shows how the CIELCh color 74, 92.721, 128.240 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 74, 92.721, 128.240 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 74, 92.721, 128.240

Background



This preview shows how black text looks on a background with the CIELCh color 74, 92.721, 128.240.

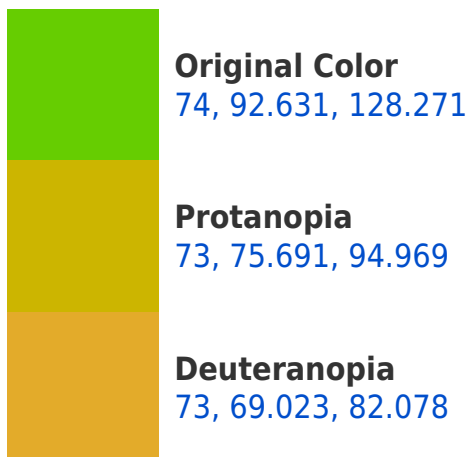


This preview shows how white text looks on a background with the CIELCh color 74, 92.721, 128.240.

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
74, 20.946, 221.069

Trichromacy



Original Color
74, 92.631, 128.271



Protanomaly
73, 78.474, 110.223



Deuteranomaly
72, 72.024, 103.908



Tritanomaly
73, 44.600, 146.021

Monochromacy



Original Color
74, 92.631, 128.271



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 42.788, 127.552

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 92.721, 128.240 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(102, 205, 1)` looks like.

```
.text, #text, p{  
    color:rgb(102, 205, 1)  
}
```

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(102, 205, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 205, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 92.721, 128.240 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(102, 205, 1) }
```

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

```
.border{ border-color:rgb(102, 205, 1) }
```

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

Here you see how a box with a 4 pixel rgb(102, 205, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 205, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 205, 1);  
box-shadow:4px 4px 4px 4px rgb(102, 205,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 92.721, 128.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 205, 1) }
```

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

```
.background{ background-color: rgb(102,  
205, 1) }
```

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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