

Converting Colors

CIELCh(74, 88.816, 127.321)

Have a look what the booklet for
CIELCh(74, 88.816, 127.321)
contains.

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Color

CIELCh(74, 88.782, 127.367)

Conversions

Conversions Part 1

Format	Color
Hex	6FCC15
RGB	111, 204, 21
RGB Percent	44%, 80%, 8%
CMY	0.5641, 0.1994, 0.9165
CMYK	0.46, 0.00, 0.90, 0.20
HSL	91°, 81%, 44%
HSV	91°, 90%, 80%
XYZ	28.3435, 46.7039, 8.2444
YIQ	155.3310, 3.3150, -76.6290

Conversions

Conversions Part 2

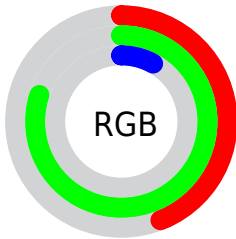
Format	Color
RYB	21, 204, 114
Decimal	7326741
CIELab	74.00, -53.88, 70.56
CIELCh	74, 88.782, 127.367
Yxy	46.7039, 0.3403, 0.5607
Android (android.graphics.Color)	4285516821 (0xFF6FCC15)
YUV	155.3310, -66.2252, -38.8783
Hunter-Lab	68.3403, -45.5643, 40.6856

Details

The CIELCh color **74, 88.782, 127.367** 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 **35, 100.606, 312.592**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 85.579, 126.748**, and **54, 76.805, 132.634** is the 20% darker color. If you saturate the color by 10%, you get **74, 92.469, 128.392**, and if you desaturate by 10%, it is **75, 83.120, 126.768**.

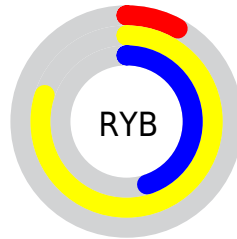
Distribution



Red (44%)

Green (80%)

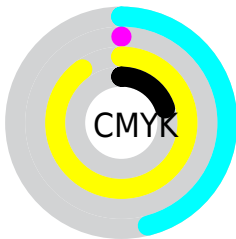
Blue (8%)



Red (8%)

Yellow (80%)

Blue (45%)

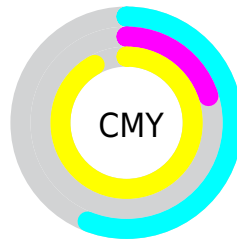


Cyan (46%)

Magenta (0%)

Yellow (90%)

Black (20%)



Cyan (56%)

Magenta (20%)

Yellow (92%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 88.782, 127.367 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, 88.782, 127.367 by changing the saturation by 10% instead.

 74, 88.782,
127.367

 74, 88.782,
127.367

 100, 88.782,
127.367

 64, 88.782,
127.367

 94, 88.782,
127.367

 54, 88.782,
127.367

 44, 88.782,
127.367

 34, 88.782,
127.367

 24, 88.782,
127.367

 14, 88.782,
127.367

 4, 88.782, 127.367

0, 88.782, 127.367

74, 88.782,
127.367

74, 88.782,
127.367

74, 92.469,
128.392

75, 83.120,
126.768

74, 92.615,
128.435

75, 75.473,
126.603

76, 66.312,
126.749

77, 56.112,
127.085

78, 45.252,
127.523

79, 33.999,
128.003

■ 80, 22.542,
128.488

■ 81, 11.009,
128.960

■ 82, 0.508, 309.143

Harmonies

Complementary

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



74, 88.782, 127.367



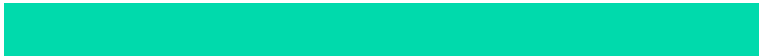
35, 100.606, 312.592

Rectangle

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



74, 88.782, 127.367



74, 88.782, 177.367



74, 88.782, 307.367



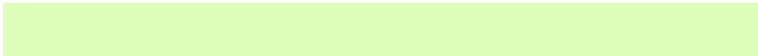
74, 88.782, 357.367

Sweetspot

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



74, 88.782, 127.368



96, 37.215, 128.111



57, 67.075, 62.999



51, 25.048, 127.942



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, 88.782, 127.368



90, 109.743, 128.647



72, 98.541, 136.434



42, 6.524, 128.968



61, 79.134, 128.191



13, 24.607, 130.760

Inverse Universe

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



35, 100.606, 312.592



41, 124.816, 311.871



49, 95.467, 328.153



40, 6.611, 309.771



26, 90.144, 312.186



3, 24.584, 306.964

Previews

White Background



This preview shows how the CIELCh color 74, 88.782, 127.367 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, 88.782, 127.367 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, 88.782, 127.367

Background



This preview shows how black text looks on a background with the CIELCh color 74, 88.782, 127.367.

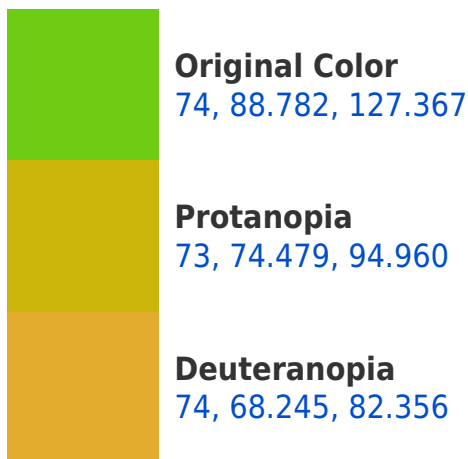


This preview shows how white text looks on a background with the CIELCh color 74, 88.782, 127.367.

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, 19.141, 223.515

Trichromacy



Original Color
74, 88.782, 127.367

Protanomaly
73, 76.276, 109.274

Deuteranomaly
73, 69.854, 103.035

Tritanomaly
73, 39.933, 146.543

Monochromacy



Original Color
74, 88.782, 127.367

Achromatopsia
64, 0.008, 296.813

Achromatomaly
67, 38.697, 127.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 88.782, 127.367 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(111, 204, 21)` looks like.

```
.text, #text, p{  
    color:rgb(111, 204, 21)  
}
```

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(111, 204, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 204, 21) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 88.782, 127.367 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(111, 204, 21) }
```

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

```
.border{ border-color:rgb(111, 204, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 204, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 204, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 204, 21);  
box-shadow:4px 4px 4px 4px rgb(111, 204,  
21) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 88.782, 127.367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 204, 21) }
```

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

```
.background{ background-color: rgb(111,  
204, 21) }
```

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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