

Converting Colors

CIELCh(74, 72.576, 125.941)

Have a look what the booklet for
CIELCh(74, 72.576, 125.941)
contains.

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Color

CIELCh(74, 72.584, 126.053)

Conversions

Conversions Part 1

Format	Color
Hex	85C840
RGB	133, 200, 64
RGB Percent	52%, 78%, 25%
CMY	0.4782, 0.2154, 0.7487
CMYK	0.33, 0.00, 0.68, 0.22
HSL	90°, 55%, 52%
HSV	90°, 68%, 78%
XYZ	31.2816, 46.7039, 12.2270
YIQ	164.4630, 3.7240, -56.5000

Conversions

Conversions Part 2

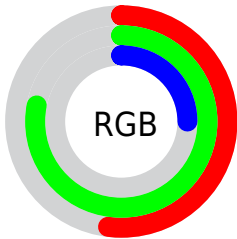
Format	Color
RYB	64, 200, 131
Decimal	8767552
CIELab	74.00, -42.72, 58.68
CIELCh	74, 72.584, 126.053
Yxy	46.7039, 0.3468, 0.5177
Android (android.graphics.Color)	4286957632 (0xFF85C840)
YUV	164.4630, -49.5283, -27.5931
Hunter-Lab	68.3403, -37.8901, 37.2304

Details

The CIELCh color **74, 72.584, 126.053** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **42, 80.631, 312.172**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 71.249, 125.824**, and **54, 70.706, 126.661** is the 20% darker color. If you saturate the color by 10%, you get **73, 80.345, 126.165**, and if you desaturate by 10%, it is **75, 63.421, 126.233**.

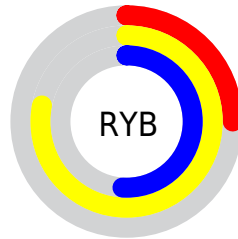
Distribution



Red (52%)

Green (78%)

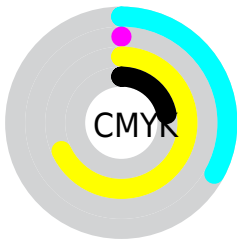
Blue (25%)



Red (25%)

Yellow (78%)

Blue (51%)

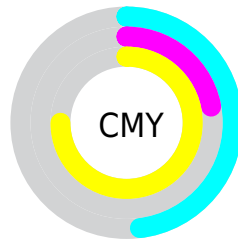


Cyan (33%)

Magenta (0%)

Yellow (68%)

Black (22%)



Cyan (48%)


Magenta (22%)


Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 72.584, 126.053 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, 72.584, 126.053 by changing the saturation by 10% instead.


 74, 72.584,
126.053

 74, 72.584,
126.053


 100, 72.584,
126.053


 64, 72.584,
126.053


 94, 72.584,
126.053

 54, 72.584,
126.053

 44, 72.584,
126.053

 34, 72.584,
126.053

 24, 72.584,
126.053

 14, 72.584,
126.053

 4, 72.584, 126.053

0, 72.584, 126.053

74, 72.584,
126.053

74, 72.584,
126.053

73, 80.345,
126.165

75, 63.421,
126.233

73, 86.228,
126.692

76, 53.308,
126.587

72, 90.065,
127.682

76, 42.597,
127.033

72, 90.739,
127.889

77, 31.535,
127.516

78, 20.293,
128.002

80, 8.991, 128.474

■ 81, 2.289, 308.847

■ 82, 13.489,
309.291

■ 84, 24.565,
309.661

Harmonies

Complementary

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



74, 72.584, 126.053



42, 80.631, 312.172

Rectangle

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



74, 72.584, 126.053



74, 72.584, 176.053



74, 72.584, 306.053



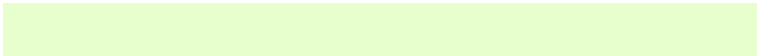
74, 72.584, 356.053

Sweetspot

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



74, 72.585, 126.054



97, 27.492, 127.890



60, 50.382, 65.230



51, 18.750, 127.752



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, 72.585, 126.054



91, 100.433, 126.380



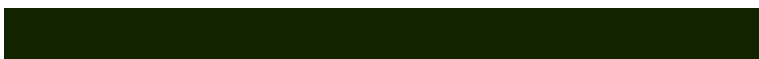
71, 82.747, 138.111



41, 6.365, 128.409



60, 77.822, 127.646



12, 22.811, 131.152

Inverse Universe

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



42, 80.631, 312.172



46, 113.964, 312.366



52, 81.579, 327.170



39, 6.454, 309.222



25, 89.411, 311.838



2, 22.338, 305.657

Previews

White Background



This preview shows how the CIELCh color 74, 72.584, 126.053 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, 72.584, 126.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

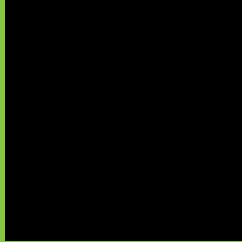
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 72.584, 126.053

Background



This preview shows how black text looks on a background with the CIELCh color 74, 72.584, 126.053.



This preview shows how white text looks on a background with the CIELCh color 74, 72.584, 126.053.

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



Original Color

74, 72.584, 126.053

Protanopia

74, 62.068, 95.063

Deuteranopia

74, 57.018, 80.401



Tritanopia
74, 14.166, 233.851

Trichromacy



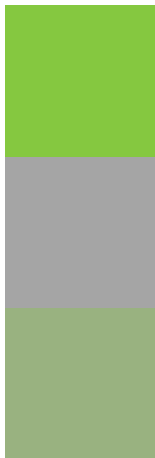
Original Color
74, 72.584, 126.053

Protanomaly
73, 63.293, 108.069

Deuteranomaly
73, 57.296, 100.152

Tritanomaly
74, 28.014, 147.095

Monochromacy



Original Color
74, 72.584, 126.053

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 28.845, 127.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 72.584, 126.053 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(133, 200, 64)` looks like.

```
.text, #text, p{  
    color:rgb(133, 200, 64)  
}
```

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(133, 200, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 200, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 72.584, 126.053 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(133, 200, 64) }
```

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

```
.border{ border-color:rgb(133, 200, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 200, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 200, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 200, 64);  
box-shadow:4px 4px 4px 4px rgb(133, 200,  
64) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 72.584, 126.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 200, 64) }
```

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

```
.background{ background-color: rgb(133,  
200, 64) }
```

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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