

Converting Colors

CIELCh(71, 87.503, 125.974)

Have a look what the booklet for
CIELCh(71, 87.503, 125.974)
contains.

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Color

CIELCh(71, 87.486, 126.019)

Conversions

Conversions Part 1

Format	Color
Hex	6DC300
RGB	109, 195, 0
RGB Percent	43%, 76%, 0%
CMY	0.5733, 0.2360, 1.0000
CMYK	0.44, 0.00, 1.00, 0.24
HSL	86°, 100%, 38%
HSV	86°, 100%, 76%
XYZ	25.7553, 42.1875, 6.7716
YIQ	147.0560, 11.3390, -78.8770

Conversions

Conversions Part 2

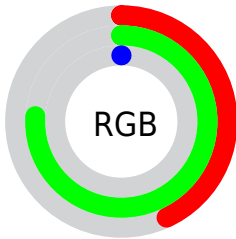
Format	Color
RYB	0, 195, 86
Decimal	7193344
CIELab	71.00, -51.45, 70.76
CIELCh	71, 87.486, 126.019
Yxy	42.1875, 0.3447, 0.5646
Android (android.graphics.Color)	4285383424 (0xFF6DC300)
YUV	147.0560, -72.4986, -33.3751
Hunter-Lab	64.9519, -42.8854, 39.2850

Details

The CIELCh color **71, 87.486, 126.019** 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 **29, 103.227, 310.609**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 87.469, 125.897**, and **51, 73.094, 132.291** is the 20% darker color. If you saturate the color by 10%, you get **71, 87.440, 126.036**, and if you desaturate by 10%, it is **71, 84.026, 125.002**.

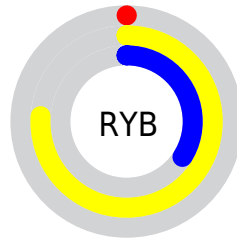
Distribution



Red (43%)

Green (76%)

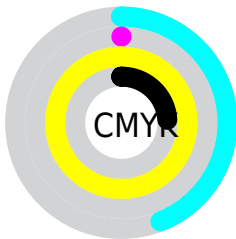
Blue (0%)



Red (0%)

Yellow (76%)

Blue (34%)

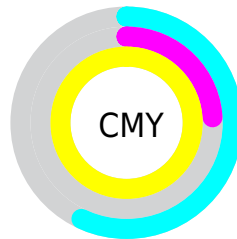


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (57%)


Magenta (24%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 87.486, 126.019 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, 87.486, 126.019 by changing the saturation by 10% instead.


 71, 87.486,
126.019


 71, 87.486,
126.019


 100, 87.486,
126.019


 61, 87.486,
126.019


 91, 87.486,
126.019

 51, 87.486,
126.019

 41, 87.486,
126.019

 31, 87.486,
126.019

 21, 87.486,
126.019

 11, 87.486,
126.019

 1, 87.486, 126.019

■ 0, 87.486, 126.019

■ 71, 87.486,
126.019

■ 71, 87.486,
126.019

■ 71, 87.440,
126.036

■ 71, 84.026,
125.002

■ 72, 78.805,
124.375

■ 72, 71.682,
124.183

■ 73, 63.099,
124.308

■ 74, 53.512,
124.631

■ 75, 43.282,
125.066

■ 76, 32.664,
125.552

■ 77, 21.835,
126.051

■ 78, 10.916,
126.544

Harmonies

Complementary

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



71, 87.486, 126.019



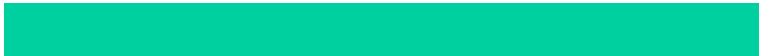
29, 103.227, 310.609

Rectangle

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



71, 87.486, 126.019



71, 87.486, 176.019



71, 87.486, 306.019



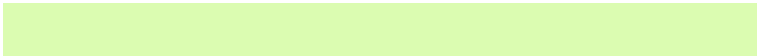
71, 87.486, 356.019

Sweetspot

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



71, 87.440, 126.036



95, 40.304, 125.528



49, 71.890, 55.291



51, 27.659, 125.316



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, 87.440, 126.036



90, 106.503, 126.293



69, 97.461, 135.752



40, 6.161, 126.574



59, 75.636, 125.800



11, 20.694, 130.267

Inverse Universe

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



29, 103.227, 310.609



39, 125.674, 310.438



44, 94.741, 325.618



38, 6.255, 307.434



23, 89.329, 310.767



2, 20.033, 303.362

Previews

White Background



This preview shows how the CIELCh color 71, 87.486, 126.019 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, 87.486, 126.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

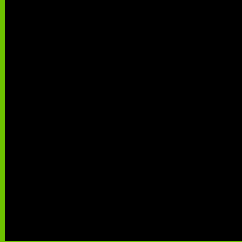
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 87.486, 126.019

Background



This preview shows how black text looks on a background with the CIELCh color 71, 87.486, 126.019.

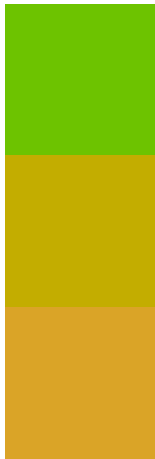


This preview shows how white text looks on a background with the CIELCh color 71, 87.486, 126.019.

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
71, 87.486, 126.019

Protanopia
71, 73.192, 94.989

Deuteranopia
71, 67.213, 82.091



Tritanopia
71, 17.892, 225.740

Trichromacy



Original Color
71, 87.486, 126.019

Protanomaly
70, 75.396, 108.590

Deuteranomaly
70, 69.428, 102.083

Tritanomaly
70, 40.702, 142.492

Monochromacy



Original Color
71, 87.486, 126.019

Achromatopsia
61, 0.008, 296.813

Achromatomaly
64, 40.076, 125.017

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 87.486, 126.019 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(109, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 195, 0)  
}
```

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(109, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 195, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 87.486, 126.019 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(109, 195, 0) }
```

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

```
.border{ border-color:rgb(109, 195, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 195, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 195, 0); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 195, 0); box-shadow:4px 4px 4px 4px rgb(109, 195, 0) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 87.486, 126.019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 195, 0) }
```

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

```
.background{ background-color: rgb(109,  
195, 0) }
```

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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