

Converting Colors

CIELCh(71, 86.994, 125.722)

Have a look what the booklet for
CIELCh(71, 86.994, 125.722)
contains.

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Color

CIELCh(71, 87.238, 125.858)

Conversions

Conversions Part 1

Format	Color
Hex	6EC300
RGB	110, 195, 0
RGB Percent	43%, 76%, 0%
CMY	0.5699, 0.2365, 0.9992
CMYK	0.44, 0.00, 1.00, 0.24
HSL	86°, 100%, 38%
HSV	86°, 100%, 76%
XYZ	25.8376, 42.1875, 6.7862
YIQ	147.3550, 11.9350, -78.6650

Conversions

Conversions Part 2

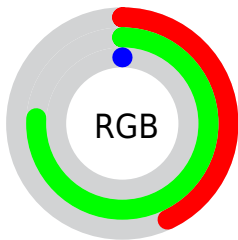
Format	Color
RYB	0, 195, 85
Decimal	7258880
CIELab	71.00, -51.10, 70.70
CIELCh	71, 87.238, 125.858
Yxy	42.1875, 0.3454, 0.5639
Android (android.graphics.Color)	4285448960 (0xFF6EC300)
YUV	147.3550, -72.6460, -32.7603
Hunter-Lab	64.9519, -42.6592, 39.2717

Details

The CIELCh color **71, 87.238, 125.858** 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, 103.224, 310.527**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 87.324, 125.690**, and **51, 72.833, 131.986** is the 20% darker color. If you saturate the color by 10%, you get **71, 87.270, 125.869**, and if you desaturate by 10%, it is **71, 83.828, 124.828**.

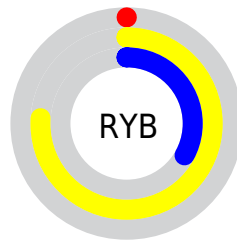
Distribution



Red (43%)

Green (76%)

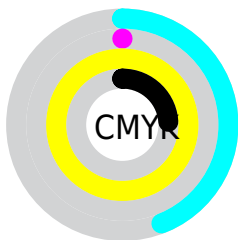
Blue (0%)



Red (0%)

Yellow (76%)

Blue (33%)

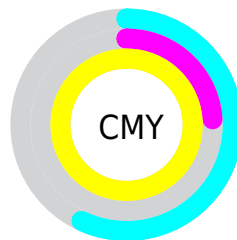


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (57%)

Magenta (24%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 87.238, 125.858 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, 87.238, 125.858 by changing the saturation by 10% instead.


 71, 87.238,
125.858

 71, 87.238,
125.858


 100, 87.238,
125.858


 61, 87.238,
125.858


 91, 87.238,
125.858

 51, 87.238,
125.858

 41, 87.238,
125.858

 31, 87.238,
125.858

 21, 87.238,
125.858

 11, 87.238,
125.858

 1, 87.238, 125.858

■ 0, 87.238, 125.858

■ 71, 87.238,
125.858

■ 71, 87.238,
125.858

■ 71, 87.270,
125.869

■ 71, 83.828,
124.828

■ 72, 78.602,
124.205

■ 72, 71.479,
124.018

■ 73, 62.902,
124.145

■ 74, 53.326,
124.470

■ 75, 43.108,
124.906

■ 76, 32.506,
125.394

■ 77, 21.693,
125.895

■ 78, 10.791,
126.389

Harmonies

Complementary

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



71, 87.238, 125.858



29, 103.224, 310.527

Rectangle

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



71, 87.238, 125.858



71, 87.238, 175.858



71, 87.238, 305.858



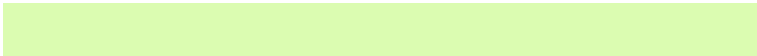
71, 87.238, 355.858

Sweetspot

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



71, 87.238, 125.859



95, 40.262, 125.365



49, 71.797, 55.311



51, 27.631, 125.153



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, 87.238, 125.859



90, 106.346, 126.127



69, 97.390, 135.756



40, 6.155, 126.415



59, 75.527, 125.635



11, 20.661, 130.091

Inverse Universe

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



29, 103.224, 310.527



39, 125.791, 310.352



44, 94.674, 325.619



38, 6.250, 307.280



23, 89.411, 310.680



2, 20.021, 303.218

Previews

White Background



This preview shows how the CIELCh color 71, 87.238, 125.858 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, 87.238, 125.858 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, 87.238, 125.858

Background



This preview shows how black text looks on a background with the CIELCh color 71, 87.238, 125.858.



This preview shows how white text looks on a background with the CIELCh color 71, 87.238, 125.858.

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, 87.337, 125.825

Protanopia

71, 73.192, 94.989

Deuteranopia

71, 67.213, 82.091



Tritanopia
71, 17.444, 224.479

Trichromacy



Original Color
71, 87.337, 125.825

Protanomaly
70, 75.396, 108.590

Deuteranomaly
70, 69.439, 101.711

Tritanomaly
70, 40.935, 141.702

Monochromacy



Original Color
71, 87.337, 125.825

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, 87.238, 125.858 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(110, 195, 0)` looks like.

```
.text, #text, p{  
    color:rgb(110, 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(110, 195, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 195, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 87.238, 125.858 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(110, 195, 0) }
```

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

```
.border{ border-color:rgb(110, 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(110, 195, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 195, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 195, 0);  
box-shadow:4px 4px 4px 4px rgb(110, 195,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 87.238, 125.858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 195, 0) }
```

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

```
.background{ background-color: rgb(110,  
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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