

Converting Colors

CIELCh(70, 85.967, 125.673)

Have a look what the booklet for
CIELCh(70, 85.967, 125.673)
contains.

CIELCh(70, 86.115, 125.704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 86.115, 125.704)

Conversions

Conversions Part 1

Format	Color
Hex	6DC000
RGB	109, 192, 0
RGB Percent	43%, 75%, 0%
CMY	0.5742, 0.2486, 1.0000
CMYK	0.43, 0.00, 1.00, 0.25
HSL	86°, 100%, 38%
HSV	86°, 100%, 75%
XYZ	25.0173, 40.7494, 6.5454
YIQ	145.2950, 12.1640, -77.3080

Conversions

Conversions Part 2

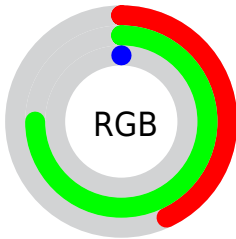
Format	Color
RYB	0, 192, 83
Decimal	7192576
CIELab	70.00, -50.26, 69.93
CIELCh	70, 86.115, 125.704
Yxy	40.7494, 0.3460, 0.5635
Android (android.graphics.Color)	4285382656 (0xFF6DC000)
YUV	145.2950, -71.6304, -31.8307
Hunter-Lab	63.8353, -41.7568, 38.6054

Details

The CIELCh color **70, 86.115, 125.704** 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 **28, 102.115, 310.461**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 86.174, 125.786**, and **50, 72.101, 132.017** is the 20% darker color. If you saturate the color by 10%, you get **70, 86.111, 125.706**, and if you desaturate by 10%, it is **70, 82.736, 124.683**.

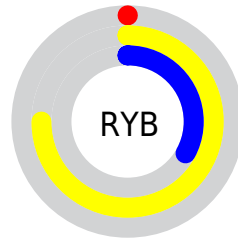
Distribution



Red (43%)

Green (75%)

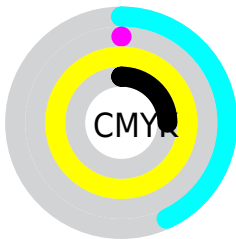
Blue (0%)



Red (0%)

Yellow (75%)

Blue (33%)

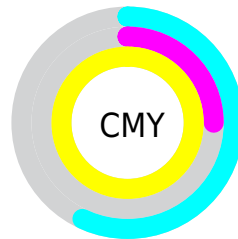


Cyan (43%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (57%)


Magenta (25%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 86.115, 125.704 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 70, 86.115, 125.704 by changing the saturation by 10% instead.


 70, 86.115,
125.704


 70, 86.115,
125.704


 100, 86.115,
125.704


 60, 86.115,
125.704


 90, 86.115,
125.704


 50, 86.115,
125.704

 40, 86.115,
125.704

 30, 86.115,
125.704

 20, 86.115,
125.704

 10, 86.115,
125.704

 0, 86.115, 125.704

■ 70, 86.115,
125.704

■ 70, 86.115,
125.704

■ 70, 86.111,
125.706

■ 70, 82.736,
124.683

■ 71, 77.592,
124.061

■ 71, 70.576,
123.874

■ 72, 62.125,
124.000

■ 73, 52.687,
124.325

■ 74, 42.616,
124.761

■ 74, 32.163,
125.249

■ 75, 21.502,

125.751

■ 76, 10.750,
126.246

Harmonies

Complementary

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



70, 86.115, 125.704



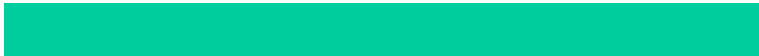
28, 102.115, 310.461

Rectangle

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



70, 86.115, 125.704



70, 86.115, 175.704



70, 86.115, 305.704



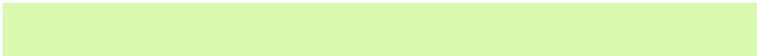
70, 86.115, 355.704

Sweetspot

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



70, 86.111, 125.706



94, 39.897, 125.225



48, 71.603, 54.163



50, 27.153, 125.014



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



70, 86.111, 125.706



89, 105.387, 125.973



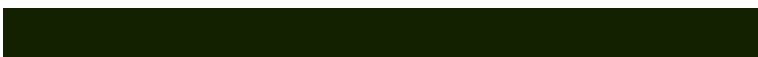
68, 96.143, 135.664



40, 6.150, 126.277



60, 75.433, 125.490



11, 20.633, 129.938

Inverse Universe

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



28, 102.115, 310.461



38, 124.919, 310.284



43, 93.699, 324.981



38, 6.245, 307.146



23, 89.481, 310.605



2, 20.010, 303.095

Previews

White Background



This preview shows how the CIELCh color 70, 86.115, 125.704 looks on a white background.

Color Contrast Check

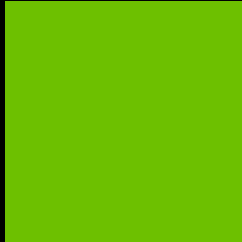
Large Text (above 18pt) WCAG AA × Fail

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 70, 86.115, 125.704 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 70, 86.115, 125.704

Background



This preview shows how black text looks on a background with the CIELCh color 70, 86.115, 125.704.



This preview shows how white text looks on a background with the CIELCh color 70, 86.115, 125.704.

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

70, 86.216, 125.669

Protanopia

70, 72.513, 95.263

Deuteranopia

69, 66.319, 82.129



Tritanopia
70, 17.198, 224.979

Trichromacy



Original Color
70, 86.216, 125.669

Protanomaly
69, 74.429, 108.342

Deuteranomaly
69, 68.638, 101.681

Tritanomaly
69, 40.394, 141.699

Monochromacy



Original Color
70, 86.216, 125.669

Achromatopsia
60, 0.008, 296.813

Achromatomaly
63, 40.008, 124.458

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 86.115, 125.704 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, 192, 0)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 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, 192, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 86.115, 125.704 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, 192, 0) }
```

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

```
.border{ border-color:rgb(109, 192, 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, 192, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 192, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 192, 0);  
box-shadow:4px 4px 4px 4px rgb(109, 192,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 86.115, 125.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 0) }
```

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

```
.background{ background-color: rgb(109,  
192, 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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