

Converting Colors

CIELCh(69, 88.639, 129.400)

Have a look what the booklet for
CIELCh(69, 88.639, 129.400)
contains.

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Color

CIELCh(69, 88.616, 129.433)

Conversions

Conversions Part 1

Format	Color
Hex	58BF03
RGB	88, 191, 3
RGB Percent	35%, 75%, 1%
CMY	0.6549, 0.2510, 0.9881
CMYK	0.54, 0.00, 0.98, 0.25
HSL	93°, 97%, 38%
HSV	93°, 98%, 75%
XYZ	22.6727, 39.3444, 6.4856
YIQ	138.7710, -1.0400, -80.3040

Conversions

Conversions Part 2

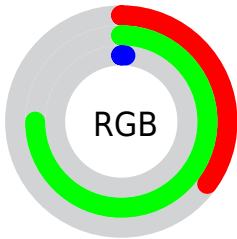
Format	Color
R_{YB}	3, 191, 106
Decimal	5816067
CIE _{Lab}	69.00, -56.29, 68.44
CIE _{LCh}	69, 88.616, 129.433
Yxy	39.3444, 0.3310, 0.5743
Android (android.graphics.Color)	4284006147 (0xFF58BF03)
YUV	138.7710, -66.9351, -44.5262
Hunter-Lab	62.7251, -45.2482, 37.7772

Details

The CIELCh color **69, 88.616, 129.433** is a dark color, and the websafe version is hex **66CC00**. A complement of this color would be **32, 98.753, 313.103**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **89, 88.553, 129.432**, and **49, 75.026, 135.972** is the 20% darker color. If you saturate the color by 10%, you get **69, 89.155, 129.579**, and if you desaturate by 10%, it is **69, 84.794, 128.510**.

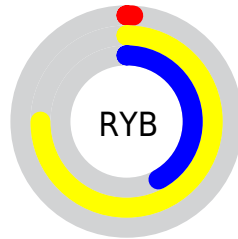
Distribution



Red (35%)

Green (75%)

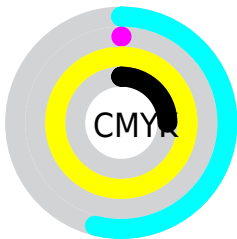
Blue (1%)



Red (1%)

Yellow (75%)

Blue (42%)

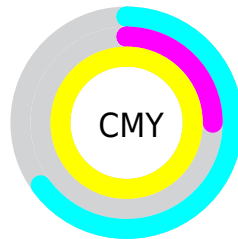


Cyan (54%)

Magenta (0%)

Yellow (98%)

Black (25%)



Cyan (65%)

Magenta (25%)

Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 88.616, 129.433 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 69, 88.616, 129.433 by changing the saturation by 10% instead.


 69, 88.616,
129.433

 69, 88.616,
129.433


 100, 88.616,
129.433

 59, 88.616,
129.433

 89, 88.616,
129.433

 49, 88.616,
129.433

 99, 88.616,
129.433

 39, 88.616,
129.433

 29, 88.616,
129.433

 19, 88.616,
129.433

 9, 88.616, 129.433

 0, 88.616, 129.433

■ 69, 88.616,
129.433

■ 69, 88.616,
129.433

■ 69, 89.155,
129.579

■ 69, 84.794,
128.510

■ 70, 79.028,
128.019

■ 71, 71.435,
127.937

■ 71, 62.473,
128.138

■ 72, 52.582,
128.507

■ 73, 42.104,
128.960

■ 74, 31.286,
129.443

■ 75, 20.297,

129.922

■ 76, 9.258, 130.384

Harmonies

Complementary

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



69, 88.616, 129.433



32, 98.753, 313.103

Rectangle

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



69, 88.616, 129.433



69, 88.616, 179.433



69, 88.616, 309.433



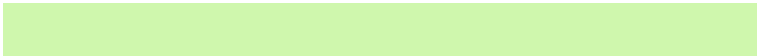
69, 88.616, 359.433

Sweetspot

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



69, 88.616, 129.434



93, 40.722, 129.343



53, 67.062, 63.697



49, 27.959, 129.136



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



69, 88.616, 129.434



87, 108.556, 129.830



68, 95.418, 136.330



39, 6.175, 130.341



58, 77.327, 129.350



9, 19.394, 134.553

Inverse Universe

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



32, 98.753, 313.103



41, 120.898, 312.839



45, 90.322, 329.576



37, 6.251, 311.112



25, 86.302, 313.177



2, 18.232, 306.675

Previews

White Background



This preview shows how the CIELCh color 69, 88.616, 129.433 looks on a white background.

Color Contrast Check

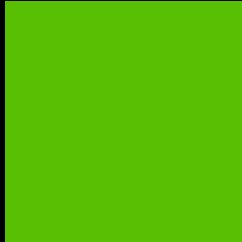
Large Text (above 18pt) WCAG AA × Fail

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 69, 88.616, 129.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

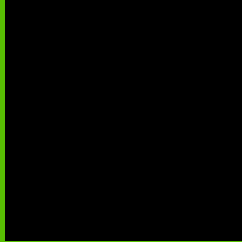
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 88.616, 129.433

Background



This preview shows how black text looks on a background with the CIELCh color 69, 88.616, 129.433.

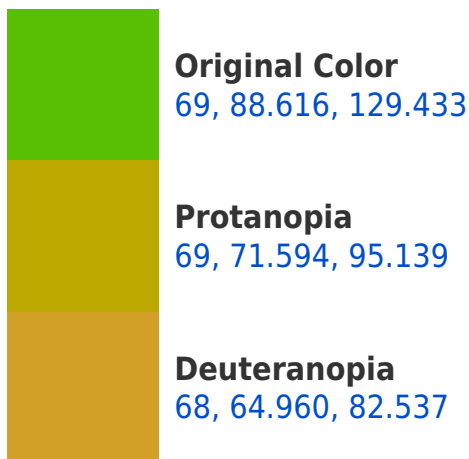


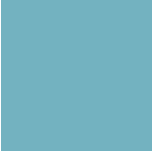
This preview shows how white text looks on a background with the CIELCh color 69, 88.616, 129.433.

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
69, 21.369, 219.203

Trichromacy



Original Color
69, 88.616, 129.433



Protanomaly
68, 74.196, 111.100



Deuteranomaly
68, 67.879, 105.135



Tritanomaly
68, 43.796, 148.020

Monochromacy



Original Color
69, 88.616, 129.433



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 40.413, 129.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 88.616, 129.433 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(88, 191, 3)` looks like.

```
.text, #text, p{  
    color:rgb(88, 191, 3)  
}
```

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(88, 191, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 191, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 88.616, 129.433 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(88, 191, 3) }
```

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

```
.border{ border-color:rgb(88, 191, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 191, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 191, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 191, 3);  
box-shadow:4px 4px 4px 4px rgb(88, 191, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 69, 88.616, 129.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 191, 3) }
```

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

```
.background{ background-color: rgb(88, 191,  
3) }
```

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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