

Converting Colors

CIELCh(88, 112.025, 131.728)

Have a look what the booklet for
CIELCh(88, 112.025, 131.728)
contains.

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Color

CIELCh(88, 112.041, 131.708)

Conversions

Conversions Part 1

Format	Color
Hex	61FC03
RGB	97, 252, 3
RGB Percent	38%, 99%, 1%
CMY	0.6203, 0.0123, 0.9864
CMYK	0.62, 0.00, 0.99, 0.01
HSL	97°, 98%, 50%
HSV	97°, 99%, 99%
XYZ	39.6923, 72.0653, 11.9166
YIQ	177.2690, -12.4510, -110.2990

Conversions

Conversions Part 2

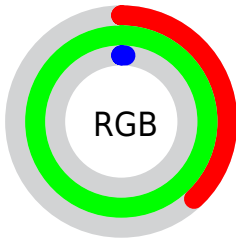
Format	Color
RYB	3, 252, 158
Decimal	6421507
CIELab	88.00, -74.54, 83.64
CIElCh	88, 112.041, 131.708
Yxy	72.0653, 0.3209, 0.5827
Android (android.graphics.Color)	4284611587 (0xFF61FC03)
YUV	177.2690, -85.9146, -70.3959
Hunter-Lab	84.8913, -65.0992, 51.1011

Details

The CIELCh color **88, 112.041, 131.708** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **45, 120.096, 314.981**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 85.076, 128.438**, and **68, 97.507, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 112.529, 131.839**, and if you desaturate by 10%, it is **88, 107.720, 130.792**.

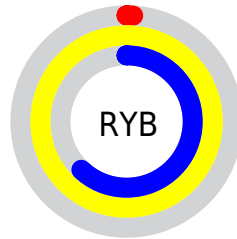
Distribution



Red (38%)

Green (99%)

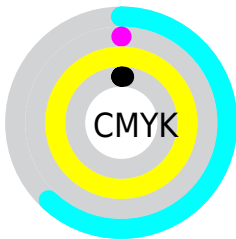
Blue (1%)



Red (1%)

Yellow (99%)

Blue (62%)

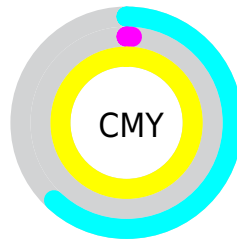


Cyan (62%)

Magenta (0%)

Yellow (99%)

Black (1%)



Cyan (62%)


Magenta (1%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 112.041, 131.708 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 88, 112.041, 131.708 by changing the saturation by 10% instead.


 88, 112.041,
131.708


 88, 112.041,
131.708


 100, 112.041,
131.708


 78, 112.041,
131.708


 68, 112.041,
131.708

 58, 112.041,
131.708

 48, 112.041,
131.708

 38, 112.041,
131.708

 28, 112.041,
131.708

 18, 112.041,

131.708

■ 8, 112.041,
131.708

■ 0, 112.041,
131.708

■ 88, 112.041,
131.708

■ 88, 112.041,
131.708

■ 88, 112.529,
131.839

■ 88, 107.720,
130.792

■ 89, 100.760,
130.328

■ 90, 91.342,
130.287

■ 91, 80.053,
130.537

■ 92, 67.487,
130.956

■ 93, 54.116,
131.451

■ 94, 40.281,
131.965

■ 96, 26.222,
132.464

■ 97, 12.108,
132.936

Harmonies

Complementary

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



88, 112.041, 131.708



45, 120.096, 314.981

Rectangle

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



88, 112.041, 131.708



88, 112.041, 181.708



88, 112.041, 311.708



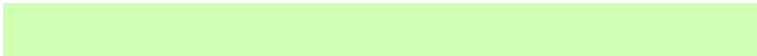
88, 112.041, 1.708

Sweetspot

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



88, 112.040, 131.709



95, 42.632, 131.894



73, 81.488, 70.644



50, 29.040, 131.677



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 112.040, 131.709



89, 113.605, 131.849



87, 115.621, 137.022



51, 7.936, 132.895



68, 90.315, 131.583



22, 39.192, 130.400

Inverse Universe

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



45, 120.096, 314.981



45, 121.723, 314.874



58, 104.191, 333.532



48, 8.018, 313.670



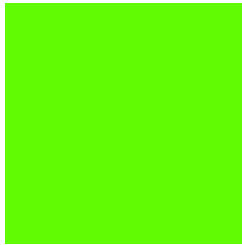
33, 96.928, 315.069



7, 43.169, 316.321

Previews

White Background



This preview shows how the CIELCh color 88, 112.041, 131.708 looks on a white background.

Color Contrast Check

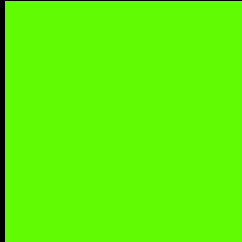
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 88, 112.041, 131.708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

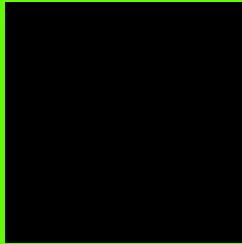
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 112.041, 131.708

Background



This preview shows how black text looks on a background with the CIELCh color 88, 112.041, 131.708.



This preview shows how white text looks on a background with the CIELCh color 88, 112.041, 131.708.

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


88, 112.105, 131.687

Protanopia

87, 87.310, 94.822

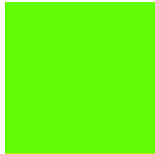
Deuteranopia

87, 38.355, 79.891



Tritanopia
88, 29.458, 217.606

Trichromacy



Original Color
88, 112.105, 131.687



Protanomaly
86, 91.619, 113.119



Deuteranomaly
86, 65.762, 115.218

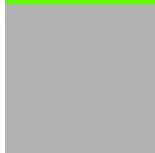


Tritanomaly
87, 56.984, 150.791

Monochromacy



Original Color
88, 112.105, 131.687



Achromatopsia
72, 0.009, 296.813



Achromatomaly
76, 51.863, 131.138

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 112.041, 131.708 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(97, 252, 3)` looks like.

```
.text, #text, p{  
    color:rgb(97, 252, 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(97, 252, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 252, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 112.041, 131.708 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(97, 252, 3) }
```

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

```
.border{ border-color:rgb(97, 252, 3) }
```

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

Here you see how a box with a 4 pixel rgb(97, 252, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 252, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 252, 3);  
box-shadow:4px 4px 4px 4px rgb(97, 252, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 112.041, 131.708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 252, 3) }
```

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

```
.background{ background-color: rgb(97, 252,  
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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