

Converting Colors

CIELCh(88, 117.399, 135.396)

Have a look what the booklet for
CIELCh(88, 117.399, 135.396)
contains.

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Color

CIELCh(88, 117.427, 135.420)

Conversions

Conversions Part 1

Format	Color
Hex	2CFF0E
RGB	44, 255, 14
RGB Percent	17%, 100%, 5%
CMY	0.8277, 0.0001, 0.9454
CMYK	0.83, 0.00, 0.95, 0.00
HSL	113°, 100%, 53%
HSV	113°, 95%, 100%
XYZ	36.8644, 72.0653, 12.3788
YIQ	164.4370, -48.3950, -119.6830

Conversions

Conversions Part 2

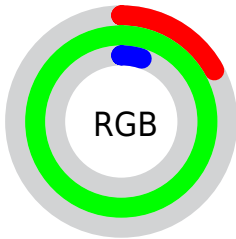
Format	Color
R_{YB}	14, 255, 225
Decimal	2948878
CIE _{Lab}	88.00, -83.64, 82.42
CIE _{LCh}	88, 117.427, 135.420
Yxy	72.0653, 0.3039, 0.5941
Android (android.graphics.Color)	4281138958 (0xFF2CFF0E)
YUV	164.4370, -74.1654, -105.6232
Hunter-Lab	84.8913, -71.0453, 50.7783

Details

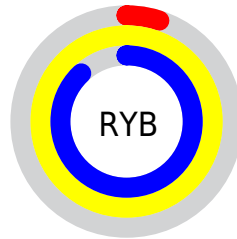
The CIELCh color **88, 117.427, 135.420** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **56, 115.505, 323.530**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 89.211, 134.586**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 118.936, 135.507**, and if you desaturate by 10%, it is **88, 112.613, 135.440**.

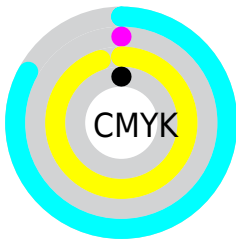
Distribution



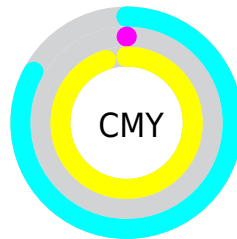
- Red (17%)
- Green (100%)
- Blue (5%)



- Red (5%)
- Yellow (100%)
- Blue (88%)



- Cyan (83%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)





- Cyan (83%)
- Magenta (0%)
- Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 117.427, 135.420 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, 117.427, 135.420 by changing the saturation by 10% instead.


 88, 117.427,
135.420


 88, 117.427,
135.420


 100, 117.427,
135.420


 78, 117.427,
135.420


 68, 117.427,
135.420

 58, 117.427,
135.420

 48, 117.427,
135.420

 38, 117.427,
135.420

 28, 117.427,
135.420

 18, 117.427,

135.420

■ 8, 117.427,
135.420

■ 0, 117.427,
135.420

■ 88, 117.427,
135.420

■ 88, 117.427,
135.420

■ 88, 118.936,
135.507

■ 88, 112.613,
135.440

■ 89, 104.694,
135.836

■ 90, 94.126,
136.502

■ 91, 81.577,
137.302

■ 92, 67.669,
138.128

■ 93, 52.906,
138.916

■ 95, 37.676,
139.631

■ 97, 22.271,
140.265

■ 99, 6.906, 140.838

Harmonies

Complementary

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



88, 117.427, 135.420



56, 115.505, 323.530

Rectangle

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



88, 117.427, 135.420



88, 117.427, 185.420



88, 117.427, 315.420



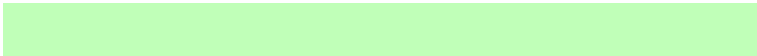
88, 117.427, 5.420

Sweetspot

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



88, 117.426, 135.421



94, 42.985, 139.393



89, 87.568, 93.778



50, 29.642, 139.081



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, 117.426, 135.421



88, 118.946, 135.507



88, 98.601, 144.077



52, 8.687, 140.556



68, 95.664, 135.399



23, 42.832, 135.057

Inverse Universe

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



56, 115.505, 323.530



55, 116.668, 323.346



56, 88.438, 349.205



50, 8.721, 321.454



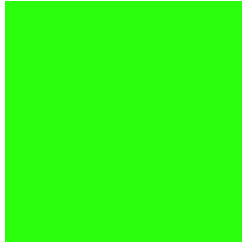
41, 93.947, 323.426



11, 43.152, 323.987

Previews

White Background



This preview shows how the CIELCh color 88, 117.427, 135.420 looks on a white background.

Color Contrast Check

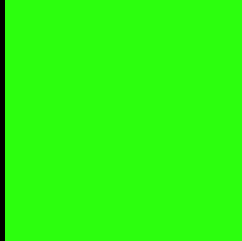
Large Text (above 18pt) WCAG AA × Fail

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 88, 117.427, 135.420 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, 117.427, 135.420

Background



This preview shows how black text looks on a background with the CIELCh color 88, 117.427, 135.420.



This preview shows how white text looks on a background with the CIELCh color 88, 117.427, 135.420.

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

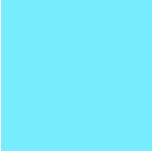
88, 117.427, 135.420

Protanopia

87, 87.243, 95.106

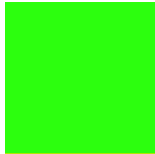
Deuteranopia

87, 38.818, 80.166



Tritanopia
88, 34.043, 214.563

Trichromacy



Original Color
88, 117.427, 135.420



Protanomaly
85, 93.609, 117.874

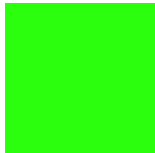


Deuteranomaly
85, 67.497, 122.173



Tritanomaly
87, 62.306, 156.283

Monochromacy



Original Color
88, 117.427, 135.420



Achromatopsia
67, 0.008, 296.813



Achromatomaly
73, 55.072, 138.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 117.427, 135.420 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(44, 255, 14)` looks like.

```
.text, #text, p{  
    color:rgb(44, 255, 14)  
}
```

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(44, 255, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 255, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 117.427, 135.420 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(44, 255, 14) }
```

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

```
.border{ border-color:rgb(44, 255, 14) }
```

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

Here you see how a box with a 4 pixel rgb(44, 255, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 255, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 255, 14);  
box-shadow:4px 4px 4px 4px rgb(44, 255,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 117.427, 135.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 255, 14) }
```

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

```
.background{ background-color: rgb(44, 255,  
14) }
```

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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