

Converting Colors

CIELCh(88, 115.724, 135.203)

Have a look what the booklet for
CIELCh(88, 115.724, 135.203)
contains.

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Color

CIELCh(88, 115.595, 135.194)

Conversions

Conversions Part 1

Format	Color
Hex	38FE17
RGB	56, 254, 23
RGB Percent	22%, 100%, 9%
CMY	0.7811, 0.0022, 0.9098
CMYK	0.78, 0.00, 0.91, 0.00
HSL	111°, 100%, 54%
HSV	111°, 91%, 100%
XYZ	37.3596, 72.0653, 12.7511
YIQ	168.4640, -43.8570, -113.8170

Conversions

Conversions Part 2

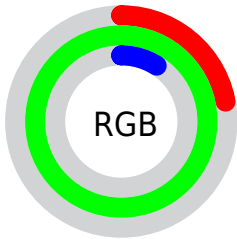
Format	Color
R_{YB}	23, 254, 221
Decimal	3735063
CIE _{Lab}	88.00, -82.01, 81.46
CIE _{LCh}	88, 115.595, 135.194
Yxy	72.0653, 0.3058, 0.5898
Android (android.graphics.Color)	4281925143 (0xFF38FE17)
YUV	168.4640, -71.7138, -98.6309
Hunter-Lab	84.8913, -70.0040, 50.5182

Details

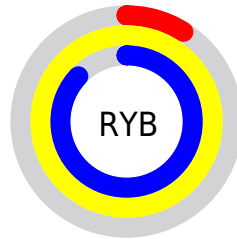
The CIELCh color **88, 115.595, 135.194** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **55, 114.420, 323.023**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 87.720, 134.098**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 118.549, 135.380**, and if you desaturate by 10%, it is **88, 109.580, 135.291**.

Distribution



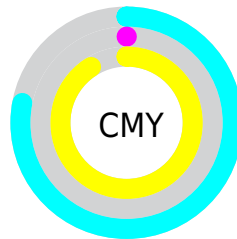
- Red (22%)
- Green (100%)
- Blue (9%)



- Red (9%)
- Yellow (100%)
- Blue (87%)



- Cyan (78%)
- Magenta (0%)
- Yellow (91%)
- Black (0%)





- Cyan (78%)
- Magenta (0%)
- Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 115.595, 135.194 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, 115.595, 135.194 by changing the saturation by 10% instead.


 88, 115.595,
135.194


 88, 115.595,
135.194


 100, 115.595,
135.194


 78, 115.595,
135.194

 68, 115.595,
135.194

 58, 115.595,
135.194

 48, 115.595,
135.194

 38, 115.595,
135.194

 28, 115.595,
135.194

 18, 115.595,

135.194

■ 8, 115.595,
135.194

■ 0, 115.595,
135.194

■ 88, 115.595,
135.194

■ 88, 115.595,
135.194

■ 88, 118.549,
135.380

■ 88, 109.580,
135.291

■ 89, 100.612,
135.742

■ 90, 89.268,
136.423

■ 91, 76.212,
137.202

■ 92, 62.023,
137.989

■ 94, 47.150,
138.728

■ 96, 31.936,
139.396

■ 97, 16.635,
139.988

■ 100, 1.433,
140.665

Harmonies

Complementary

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



88, 115.595, 135.194



55, 114.420, 323.023

Rectangle

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



88, 115.595, 135.194



88, 115.595, 185.194



88, 115.595, 315.194



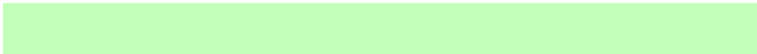
88, 115.595, 5.194

Sweetspot

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



88, 115.594, 135.195



95, 41.228, 139.001



88, 85.755, 92.894



50, 27.763, 138.766



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, 115.594, 135.195



88, 118.744, 135.381



88, 97.520, 144.223



52, 8.640, 140.069



68, 95.488, 135.262



23, 42.702, 134.818

Inverse Universe

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



55, 114.420, 323.023



54, 116.905, 322.695



57, 88.833, 347.059



50, 8.677, 320.950



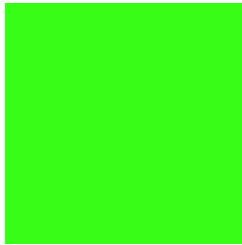
41, 94.132, 322.785



10, 43.221, 323.417

Previews

White Background



This preview shows how the CIELCh color 88, 115.595, 135.194 looks on a white background.

Color Contrast Check

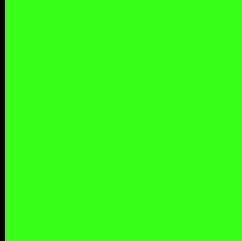
Large Text (above 18pt) WCAG AA × Fail

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, 115.595, 135.194 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, 115.595, 135.194

Background



This preview shows how black text looks on a background with the CIELCh color 88, 115.595, 135.194.



This preview shows how white text looks on a background with the CIELCh color 88, 115.595, 135.194.

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, 115.411, 135.182

Protanopia

87, 87.243, 95.106

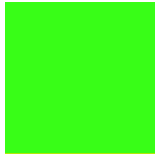
Deuteranopia

87, 38.818, 80.166



Tritanopia
88, 33.655, 214.789

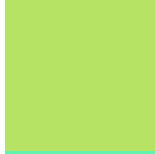
Trichromacy



Original Color
88, 115.411, 135.182



Protanomaly
86, 92.926, 117.015

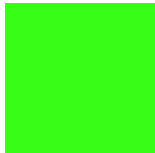


Deuteranomaly
85, 65.132, 120.797

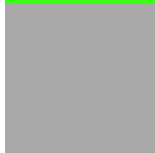


Tritanomaly
87, 60.025, 157.142

Monochromacy



Original Color
88, 115.411, 135.182



Achromatopsia
69, 0.009, 296.813



Achromatomaly
74, 52.273, 137.927

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 115.595, 135.194 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(56, 254, 23)` looks like.

```
.text, #text, p{  
    color:rgb(56, 254, 23)  
}
```

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(56, 254, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 254, 23) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 115.595, 135.194 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(56, 254, 23) }
```

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

```
.border{ border-color:rgb(56, 254, 23) }
```

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

Here you see how a box with a 4 pixel rgb(56, 254, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 254, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 254, 23);  
box-shadow:4px 4px 4px 4px rgb(56, 254,  
23) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 115.595, 135.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 254, 23) }
```

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

```
.background{ background-color: rgb(56, 254,  
23) }
```

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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