

Converting Colors

CIELCh(88, 113.610, 135.620)

Have a look what the booklet for
CIELCh(88, 113.610, 135.620)
contains.

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Color

CIELCh(88, 113.574, 135.586)

Conversions

Conversions Part 1

Format	Color
Hex	3BFE23
RGB	59, 254, 35
RGB Percent	23%, 100%, 14%
CMY	0.7673, 0.0032, 0.8615
CMYK	0.77, 0.00, 0.86, 0.00
HSL	113°, 99%, 57%
HSV	113°, 86%, 100%
XYZ	37.6321, 72.0653, 13.5398
YIQ	170.7290, -45.9210, -109.4490

Conversions

Conversions Part 2

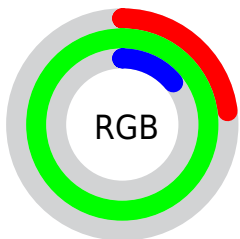
Format	Color
RYB	35, 254, 230
Decimal	3931683
CIELab	88.00, -81.13, 79.48
CIELCh	88, 113.574, 135.586
Yxy	72.0653, 0.3054, 0.5848
Android (android.graphics.Color)	4282121763 (0xFF3BFE23)
YUV	170.7290, -66.9144, -97.9863
Hunter-Lab	84.8913, -69.4311, 49.9674

Details

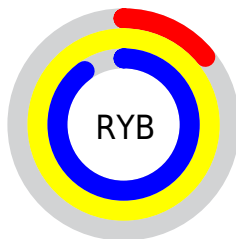
The CIELCh color **88, 113.574, 135.586** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **57, 112.008, 324.244**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 85.244, 134.641**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 117.807, 135.570**, and if you desaturate by 10%, it is **89, 106.191, 135.982**.

Distribution



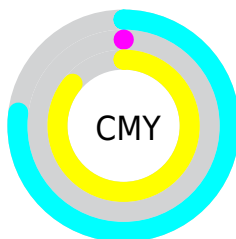
- Red (23%)
- Green (100%)
- Blue (14%)



- Red (14%)
- Yellow (100%)
- Blue (90%)



- Cyan (77%)
- Magenta (0%)
- Yellow (86%)
- Black (0%)





- Cyan (77%)
- Magenta (0%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 113.574, 135.586 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, 113.574, 135.586 by changing the saturation by 10% instead.


 88, 113.574,
135.586


 88, 113.574,
135.586


 100, 113.574,
135.586


 78, 113.574,
135.586


 68, 113.574,
135.586

 58, 113.574,
135.586


 48, 113.574,
135.586


 38, 113.574,
135.586


 28, 113.574,
135.586


 18, 113.574,


135.586


 8, 113.574,
135.586


 0, 113.574,
135.586


 88, 113.574,
135.586


 88, 113.574,
135.586


 88, 117.807,
135.570

 89, 106.191,
135.982

 88, 118.811,
135.601

 89, 96.044,
136.661

 90, 83.786,
137.487

 91, 70.056,
138.347

■ 93, 55.382,
139.167

■ 94, 40.176,
139.914

■ 96, 24.748,
140.575

■ 98, 9.330, 141.162

100, 0.511,
323.854

Harmonies

Complementary

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



88, 113.574, 135.586



57, 112.008, 324.244

Rectangle

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



88, 113.574, 135.586



88, 113.574, 185.586



88, 113.574, 315.586



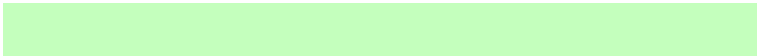
88, 113.574, 5.586

Sweetspot

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



88, 113.574, 135.587



95, 40.112, 139.921



90, 85.724, 95.815



50, 27.177, 139.673



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, 113.574, 135.587



88, 119.099, 135.602



88, 91.496, 146.523



52, 8.728, 140.968



68, 95.800, 135.504



23, 42.945, 135.262

Inverse Universe

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



57, 112.008, 324.244



56, 116.482, 323.908



57, 86.258, 348.359



50, 8.759, 321.881



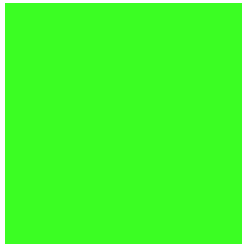
42, 93.801, 323.979



11, 43.098, 324.478

Previews

White Background



This preview shows how the CIELCh color 88, 113.574, 135.586 looks on a white background.

Color Contrast Check

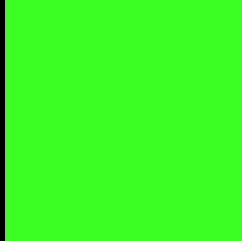
Large Text (above 18pt) WCAG AA × Fail

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, 113.574, 135.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

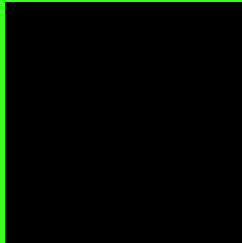
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 113.574, 135.586

Background



This preview shows how black text looks on a background with the CIELCh color 88, 113.574, 135.586.

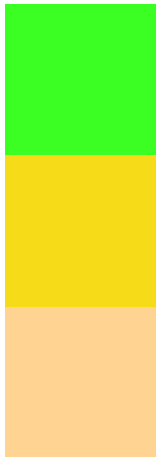


This preview shows how white text looks on a background with the CIELCh color 88, 113.574, 135.586.

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, 113.574, 135.586

Protanopia

87, 84.784, 95.092

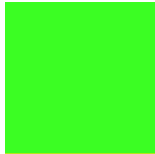
Deuteranopia

87, 38.818, 80.166



Tritanopia
88, 33.655, 214.789

Trichromacy



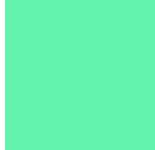
Original Color
88, 113.574, 135.586



Protanomaly
86, 90.546, 117.284

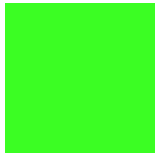


Deuteranomaly
85, 62.891, 121.127



Tritanomaly
87, 58.221, 158.379

Monochromacy



Original Color
88, 113.574, 135.586



Achromatopsia
70, 0.009, 296.813



Achromatomaly
75, 49.861, 139.162

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 113.574, 135.586 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(59, 254, 35)` looks like.

```
.text, #text, p{  
    color:rgb(59, 254, 35)  
}
```

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(59, 254, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 254, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 113.574, 135.586 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(59, 254, 35) }
```

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

```
.border{ border-color:rgb(59, 254, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 254, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 254, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 254, 35);  
box-shadow:4px 4px 4px 4px rgb(59, 254,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 113.574, 135.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 254, 35) }
```

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

```
.background{ background-color: rgb(59, 254,  
35) }
```

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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