

Converting Colors

CIELCh(88, 119.375, 136.154)

Have a look what the booklet for
CIELCh(88, 119.375, 136.154)
contains.

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Color

CIELCh(88, 119.114, 136.142)

Conversions

Conversions Part 1

Format	Color
Hex	0BFF0C
RGB	11, 255, 12
RGB Percent	4%, 100%, 5%
CMY	0.9567, 0.0000, 0.9544
CMYK	0.96, 0.00, 0.95, 0.00
HSL	120°, 100%, 52%
HSV	120°, 96%, 100%
XYZ	36.1867, 72.0653, 12.3373
YIQ	154.3420, -67.4210, -127.3010

Conversions

Conversions Part 2

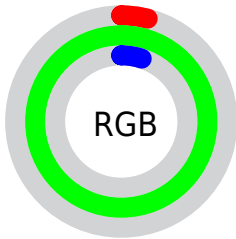
Format	Color
R_{YB}	11, 254, 255
Decimal	786188
CIE Lab	88.00, -85.89, 82.53
CIE LCh	88, 119.114, 136.142
Yxy	72.0653, 0.3001, 0.5976
Android (android.graphics.Color)	4278976268 (0xFF0BFF0C)
YUV	154.3420, -70.1746, -125.7109
Hunter-Lab	84.8913, -72.4704, 50.8073

Details

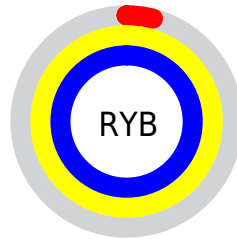
The CIELCh color **88, 119.114, 136.142** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **61, 114.643, 328.301**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.100, 135.856**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.742, 136.029**, and if you desaturate by 10%, it is **88, 115.082, 136.632**.

Distribution



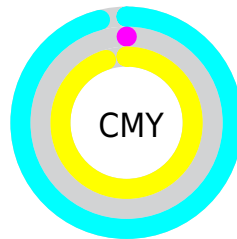
- Red (4%)
- Green (100%)
- Blue (5%)



- Red (4%)
- Yellow (100%)
- Blue (100%)



- Cyan (96%)
- Magenta (0%)
- Yellow (95%)
- Black (0%)



- Cyan (96%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 119.114, 136.142 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, 119.114, 136.142 by changing the saturation by 10% instead.

■ 88, 119.114,
136.142

■ 88, 119.114,
136.142

■ 100, 119.114,
136.142

■ 78, 119.114,
136.142

■ 68, 119.114,
136.142

■ 58, 119.114,
136.142

■ 48, 119.114,
136.142

■ 38, 119.114,
136.142

■ 28, 119.114,
136.142

■ 18, 119.114,

136.142

■ 8, 119.114,
136.142

■ 0, 119.114,
136.142

■ 88, 119.114,
136.142

■ 88, 119.114,
136.142

■ 88, 119.742,
136.029

■ 88, 115.082,
136.632

■ 88, 108.034,
137.477

■ 89, 98.045,
138.552

■ 90, 85.740,
139.707

■ 91, 71.765,
140.828

■ 93, 56.684,
141.851

■ 94, 40.961,
142.752

■ 96, 24.963,
143.531

■ 99, 8.969, 144.211

Harmonies

Complementary

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



88, 119.114, 136.142



61, 114.643, 328.301

Rectangle

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



88, 119.114, 136.142



88, 119.114, 186.142



88, 119.114, 316.142



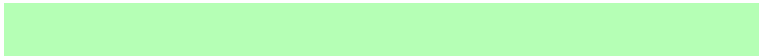
88, 119.114, 6.142

Sweetspot

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



88, 118.858, 136.144



94, 46.251, 142.466



97, 96.160, 102.905



49, 31.676, 142.079



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, 118.858, 136.144



88, 119.742, 136.029



89, 87.704, 149.643



52, 9.029, 143.957



68, 96.432, 136.034



22, 43.774, 136.819

Inverse Universe

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



61, 114.643, 328.301



60, 115.355, 328.326



55, 84.217, 1.097



50, 9.043, 325.008



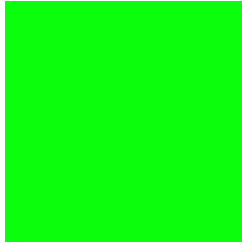
45, 92.915, 328.324



12, 42.754, 328.313

Previews

White Background



This preview shows how the CIELCh color 88, 119.114, 136.142 looks on a white background.

Color Contrast Check

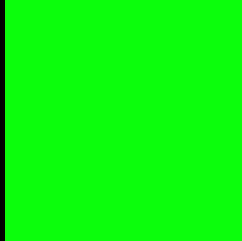
Large Text (above 18pt) WCAG AA × Fail

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, 119.114, 136.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

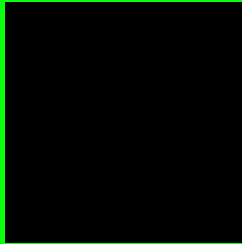
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

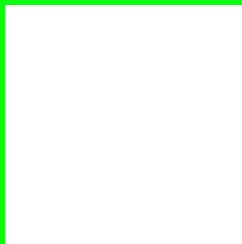
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 119.114, 136.142

Background



This preview shows how black text looks on a background with the CIELCh color 88, 119.114, 136.142.

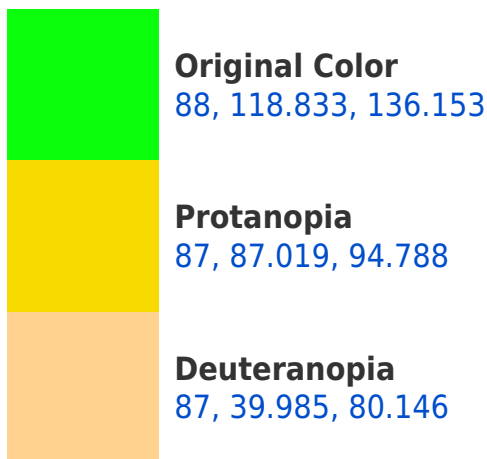


This preview shows how white text looks on a background with the CIELCh color 88, 119.114, 136.142.

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](#).

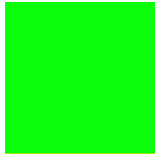
Dichromacy





Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color
88, 118.833, 136.153



Protanomaly
84, 94.754, 120.311

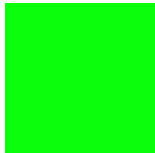


Deuteranomaly
84, 69.811, 125.108

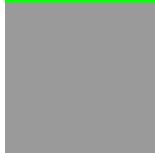


Tritanomaly
86, 64.815, 157.295

Monochromacy



Original Color
88, 118.833, 136.153



Achromatopsia
64, 0.008, 296.813



Achromatomaly
70, 57.987, 140.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 119.114, 136.142 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(11, 255, 12)` looks like.

```
.text, #text, p{  
    color:rgb(11, 255, 12)  
}
```

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(11, 255, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 255, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 119.114, 136.142 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(11, 255, 12) }
```

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

```
.border{ border-color:rgb(11, 255, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 255, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 255, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 255, 12);  
box-shadow:4px 4px 4px 4px rgb(11, 255,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 119.114, 136.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 255, 12) }
```

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

```
.background{ background-color: rgb(11, 255,  
12) }
```

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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