

Converting Colors

CIELCh(88, 119.661, 135.945)

Have a look what the booklet for
CIELCh(88, 119.661, 135.945)
contains.

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Color

CIELCh(88, 119.375, 135.949)

Conversions

Conversions Part 1

Format	Color
Hex	10FF06
RGB	16, 255, 6
RGB Percent	6%, 100%, 2%
CMY	0.9377, 0.0000, 0.9784
CMYK	0.94, 0.00, 0.98, 0.00
HSL	118°, 100%, 51%
HSV	118°, 98%, 100%
XYZ	36.2139, 72.0653, 12.1583
YIQ	155.1530, -62.5150, -128.1070

Conversions

Conversions Part 2

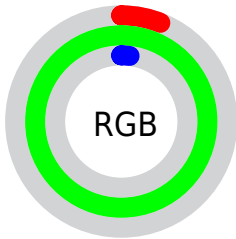
Format	Color
RYB	6, 255, 245
Decimal	1113862
CIELab	88.00, -85.80, 83.00
CIELCh	88, 119.375, 135.949
Yxy	72.0653, 0.3007, 0.5984
Android (android.graphics.Color)	4279303942 (0xFF10FF06)
YUV	155.1530, -73.5324, -122.0372
Hunter-Lab	84.8913, -72.4131, 50.9323

Details

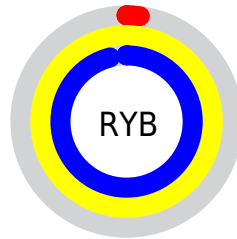
The CIELCh color **88, 119.375, 135.949** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **59, 115.432, 326.583**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.291, 135.585**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.588, 135.901**, and if you desaturate by 10%, it is **88, 115.804, 136.185**.

Distribution



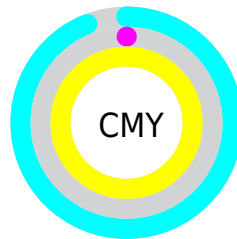
- Red (6%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (96%)



- Cyan (94%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (94%)
- Magenta (0%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 119.375, 135.949 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, 119.375, 135.949 by changing the saturation by 10% instead.


 88, 119.375,
135.949


 88, 119.375,
135.949


 100, 119.375,
135.949


 78, 119.375,
135.949


 68, 119.375,
135.949

 58, 119.375,
135.949

 48, 119.375,
135.949

 38, 119.375,
135.949

 28, 119.375,
135.949

 18, 119.375,

135.949

■ 8, 119.375,
135.949

■ 0, 119.375,
135.949

■ 88, 119.375,
135.949

■ 88, 119.375,
135.949

■ 88, 119.588,
135.901

■ 88, 115.804,
136.185

■ 88, 109.260,
136.779

■ 89, 99.719,
137.654

■ 90, 87.796,
138.664

■ 91, 74.151,
139.688

■ 92, 59.361,
140.648

■ 94, 43.893,
141.508

■ 96, 28.110,
142.260

■ 98, 12.289,
142.916

Harmonies

Complementary

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



88, 119.375, 135.949



59, 115.432, 326.583

Rectangle

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



88, 119.375, 135.949



88, 119.375, 185.949



88, 119.375, 315.949



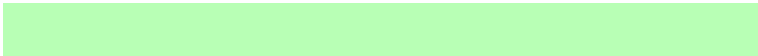
88, 119.375, 5.949

Sweetspot

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



88, 119.134, 135.949



94, 45.708, 141.414



94, 93.043, 99.610



49, 31.311, 141.055



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, 119.134, 135.949



88, 119.588, 135.901



88, 93.371, 146.763



52, 8.921, 142.812



68, 96.255, 135.851



22, 43.483, 136.202

Inverse Universe

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



59, 115.432, 326.583



59, 115.814, 326.564



55, 85.416, 357.355



50, 8.941, 323.805



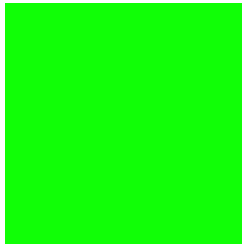
44, 93.278, 326.592



12, 42.899, 326.788

Previews

White Background



This preview shows how the CIELCh color 88, 119.375, 135.949 looks on a white background.

Color Contrast Check

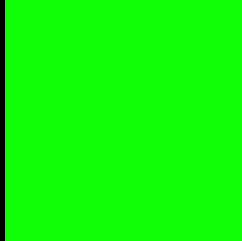
Large Text (above 18pt) WCAG AA × Fail

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, 119.375, 135.949 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

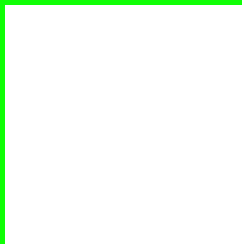
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 119.375, 135.949

Background



This preview shows how black text looks on a background with the CIELCh color 88, 119.375, 135.949.



This preview shows how white text looks on a background with the CIELCh color 88, 119.375, 135.949.

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

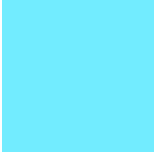
88, 119.101, 135.958

Protanopia

87, 87.019, 94.788

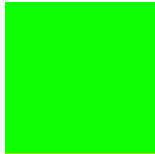
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color
88, 119.101, 135.958



Protanomaly
84, 94.781, 120.061

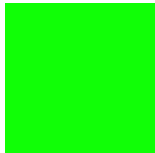


Deuteranomaly
84, 70.328, 124.272

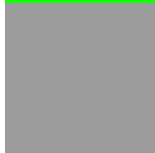


Tritanomaly
86, 65.428, 156.565

Monochromacy



Original Color
88, 119.101, 135.958



Achromatopsia
64, 0.008, 296.813



Achromatomaly
70, 58.035, 140.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 119.375, 135.949 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(16, 255, 6)` looks like.

```
.text, #text, p{  
    color:rgb(16, 255, 6)  
}
```

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(16, 255, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 255, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 119.375, 135.949 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(16, 255, 6) }
```

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

```
.border{ border-color:rgb(16, 255, 6) }
```

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

Here you see how a box with a 4 pixel rgb(16, 255, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 255, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 255, 6);  
box-shadow:4px 4px 4px 4px rgb(16, 255, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 119.375, 135.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 255, 6) }
```

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

```
.background{ background-color: rgb(16, 255,  
6) }
```

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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