

Converting Colors

CIELCh(88, 119.719, 136.001)

Have a look what the booklet for
CIELCh(88, 119.719, 136.001)
contains.

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Color

CIELCh(88, 119.448, 135.993)

Conversions

Conversions Part 1

Format	Color
Hex	0DFF06
RGB	13, 255, 6
RGB Percent	5%, 100%, 2%
CMY	0.9495, 0.0000, 0.9779
CMYK	0.95, 0.00, 0.98, 0.00
HSL	118°, 100%, 51%
HSV	118°, 98%, 100%
XYZ	36.1791, 72.0653, 12.1640
YIQ	154.2560, -64.3030, -128.7430

Conversions

Conversions Part 2

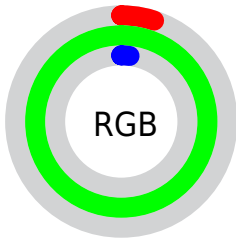
Format	Color
R_{YB}	6, 255, 248
Decimal	917254
CIE _{Lab}	88.00, -85.91, 82.99
CIE _{LCh}	88, 119.448, 135.993
Yxy	72.0653, 0.3005, 0.5985
Android (android.graphics.Color)	4279107334 (0xFF0DFF06)
YUV	154.2560, -73.0902, -123.8815
Hunter-Lab	84.8913, -72.4864, 50.9282

Details

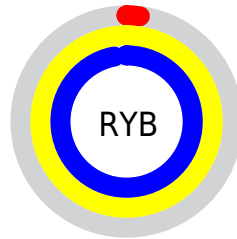
The CIELCh color **88, 119.448, 135.993** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **59, 115.343, 327.078**, and the grayscale version is **64, 0.008, 296.813**.

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, 119.646, 135.936**, and if you desaturate by 10%, it is **88, 115.927, 136.281**.

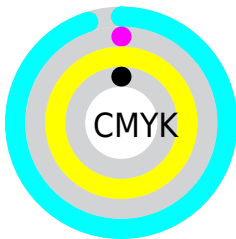
Distribution



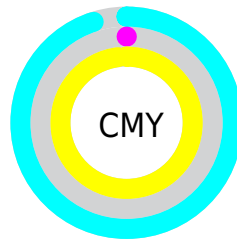
- Red (5%)
- Green (100%)
- Blue (2%)



- Red (2%)
- Yellow (100%)
- Blue (97%)



- Cyan (95%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)





- Cyan (95%)
- Magenta (0%)
- Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 119.448, 135.993 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, 119.448, 135.993 by changing the saturation by 10% instead.


 88, 119.448,
135.993


 88, 119.448,
135.993


 100, 119.448,
135.993


 78, 119.448,
135.993

 68, 119.448,
135.993

 58, 119.448,
135.993

 48, 119.448,
135.993

 38, 119.448,
135.993

 28, 119.448,
135.993

 18, 119.448,

135.993

■ 8, 119.448,
135.993

■ 0, 119.448,
135.993

■ 88, 119.448,
135.993

■ 88, 119.448,
135.993

■ 88, 119.646,
135.936

■ 88, 115.927,
136.281

■ 88, 109.434,
136.927

■ 89, 99.923,
137.849

■ 90, 88.005,
138.899

■ 91, 74.342,
139.955

■ 92, 59.511,
140.940

■ 94, 43.987,
141.819

■ 96, 28.141,
142.586

■ 98, 12.254,
143.253

Harmonies

Complementary

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



88, 119.448, 135.993



59, 115.343, 327.078

Rectangle

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



88, 119.448, 135.993



88, 119.448, 185.993



88, 119.448, 315.993



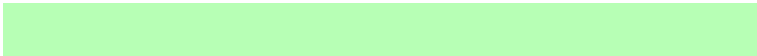
88, 119.448, 5.993

Sweetspot

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



88, 119.193, 135.994



94, 45.893, 141.719



95, 94.163, 100.737



49, 31.436, 141.351



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, 119.193, 135.994



88, 119.646, 135.936



88, 91.844, 147.537



52, 8.958, 143.144



68, 96.321, 135.901



22, 43.586, 136.376

Inverse Universe

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



59, 115.343, 327.078



59, 115.726, 327.067



55, 85.004, 358.869



50, 8.976, 324.154



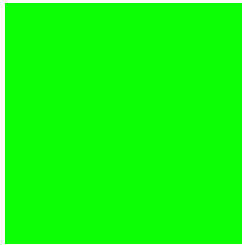
44, 93.208, 327.087



12, 42.872, 327.224

Previews

White Background



This preview shows how the CIELCh color 88, 119.448, 135.993 looks on a white background.

Color Contrast Check

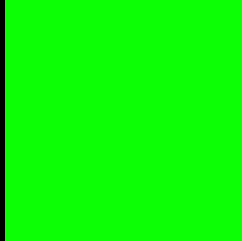
Large Text (above 18pt) WCAG AA × Fail

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, 119.448, 135.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

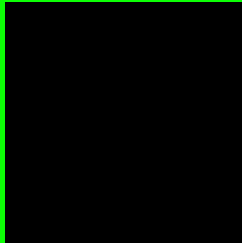
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

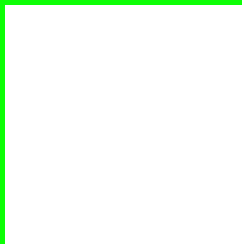
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 119.448, 135.993

Background



This preview shows how black text looks on a background with the CIELCh color 88, 119.448, 135.993.



This preview shows how white text looks on a background with the CIELCh color 88, 119.448, 135.993.

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, 119.169, 136.000

Protanopia

87, 87.019, 94.788

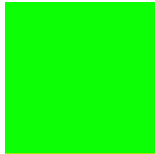
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color
88, 119.169, 136.000



Protanomaly
84, 94.909, 120.272

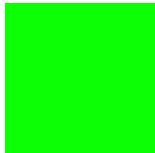


Deuteranomaly
84, 70.467, 124.552



Tritanomaly
86, 65.558, 156.645

Monochromacy



Original Color
88, 119.169, 136.000



Achromatopsia
64, 0.008, 296.813



Achromatomaly
70, 58.640, 139.971

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 119.448, 135.993 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(13, 255, 6)` looks like.

```
.text, #text, p{  
    color:rgb(13, 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(13, 255, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 255, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 119.448, 135.993 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(13, 255, 6) }
```

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

```
.border{ border-color:rgb(13, 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(13, 255, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 255, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 255, 6);  
box-shadow:4px 4px 4px 4px rgb(13, 255, 6)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 119.448, 135.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 255, 6) }
```

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

```
.background{ background-color: rgb(13, 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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