

Converting Colors

CIELCh(88, 119.469, 135.972)

Have a look what the booklet for
CIELCh(88, 119.469, 135.972)
contains.

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Color

CIELCh(88, 119.209, 135.965)

Conversions

Conversions Part 1

Format	Color
Hex	11FF07
RGB	17, 255, 7
RGB Percent	7%, 100%, 3%
CMY	0.9315, 0.0000, 0.9710
CMYK	0.93, 0.00, 0.97, 0.00
HSL	118°, 100%, 51%
HSV	118°, 97%, 100%
XYZ	36.2427, 72.0653, 12.2111
YIQ	155.5660, -62.2400, -127.5840

Conversions

Conversions Part 2

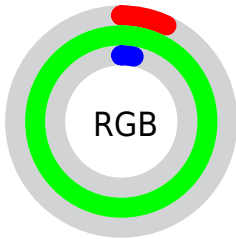
Format	Color
RYB	7, 255, 245
Decimal	1179399
CIELab	88.00, -85.70, 82.86
CIELCh	88, 119.209, 135.965
Yxy	72.0653, 0.3007, 0.5980
Android (android.graphics.Color)	4279369479 (0xFF11FF07)
YUV	155.5660, -73.2430, -121.5224
Hunter-Lab	84.8913, -72.3525, 50.8954

Details

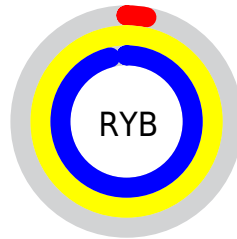
The CIELCh color **88, 119.209, 135.965** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **59, 115.295, 326.629**, and the grayscale version is **65, 0.008, 296.813**.

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, 119.593, 135.904**, and if you desaturate by 10%, it is **88, 115.442, 136.224**.

Distribution



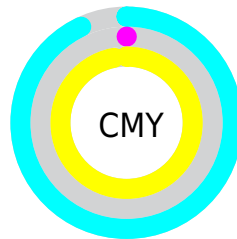
- Red (7%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (96%)



- Cyan (93%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 119.209, 135.965 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, 119.209, 135.965 by changing the saturation by 10% instead.

■ 88, 119.209,
135.965

■ 88, 119.209,
135.965

■ 100, 119.209,
135.965

■ 78, 119.209,
135.965

■ 68, 119.209,
135.965

■ 58, 119.209,
135.965

■ 48, 119.209,
135.965

■ 38, 119.209,
135.965

■ 28, 119.209,
135.965

■ 18, 119.209,

135.965

■ 8, 119.209,
135.965

■ 0, 119.209,
135.965

■ 88, 119.209,
135.965

■ 88, 119.209,
135.965

■ 88, 119.593,
135.904

■ 88, 115.442,
136.224

■ 88, 108.666,
136.848

■ 89, 98.928,
137.742

■ 90, 86.856,
138.760

■ 91, 73.107,
139.783

■ 93, 58.249,
140.738

■ 94, 42.741,
141.592

■ 96, 26.942,
142.337

■ 98, 11.122,
142.988

Harmonies

Complementary

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



88, 119.209, 135.965



59, 115.295, 326.629

Rectangle

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



88, 119.209, 135.965



88, 119.209, 185.965



88, 119.209, 315.965



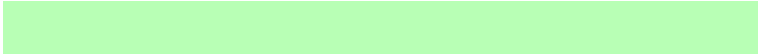
88, 119.209, 5.965

Sweetspot

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



88, 118.978, 135.966



94, 45.722, 141.438



94, 92.931, 99.642



49, 31.321, 141.078



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, 118.978, 135.966



88, 119.593, 135.904



88, 92.960, 146.930



52, 8.924, 142.838



68, 96.260, 135.855



22, 43.491, 136.216

Inverse Universe

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



59, 115.295, 326.629



59, 115.807, 326.603



56, 85.383, 357.081



50, 8.943, 323.833



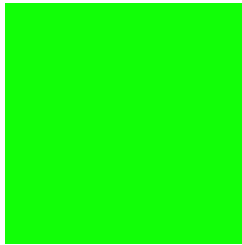
44, 93.272, 326.631



12, 42.897, 326.822

Previews

White Background



This preview shows how the CIELCh color 88, 119.209, 135.965 looks on a white background.

Color Contrast Check

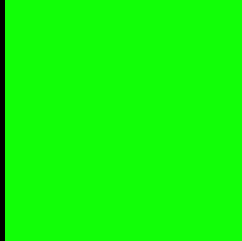
Large Text (above 18pt) WCAG AA × Fail

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, 119.209, 135.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

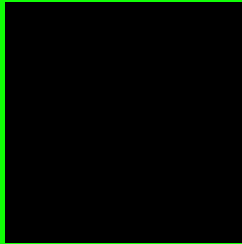
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

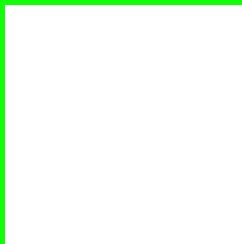
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 119.209, 135.965

Background



This preview shows how black text looks on a background with the CIELCh color 88, 119.209, 135.965.



This preview shows how white text looks on a background with the CIELCh color 88, 119.209, 135.965.

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, 119.014, 135.964

Protanopia

87, 87.019, 94.788

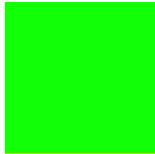
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color

88, 119.014, 135.964



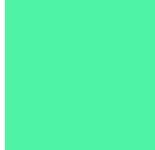
Protanomaly

84, 94.577, 119.867



Deuteranomaly

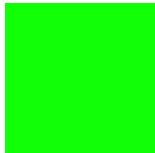
84, 69.791, 124.125



Tritanomaly

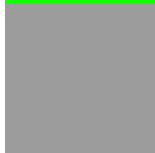
86, 64.923, 156.808

Monochromacy



Original Color

88, 119.014, 135.964



Achromatopsia

64, 0.008, 296.813



Achromatomaly

71, 57.811, 139.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 119.209, 135.965 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(17, 255, 7)` looks like.

```
.text, #text, p{  
    color:rgb(17, 255, 7)  
}
```

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(17, 255, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 255, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 119.209, 135.965 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(17, 255, 7) }
```

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

```
.border{ border-color:rgb(17, 255, 7) }
```

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

Here you see how a box with a 4 pixel rgb(17, 255, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 255, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 255, 7);  
box-shadow:4px 4px 4px 4px rgb(17, 255, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 119.209, 135.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 255, 7) }
```

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

```
.background{ background-color: rgb(17, 255,  
7) }
```

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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