

Converting Colors

CIELCh(88, 119.392, 135.956)

Have a look what the booklet for
CIELCh(88, 119.392, 135.956)
contains.

CIELCh(88, 119.186, 135.952)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(88, 119.186, 135.952)

Conversions

Conversions Part 1

Format	Color
Hex	12FF07
RGB	18, 255, 7
RGB Percent	7%, 100%, 3%
CMY	0.9285, 0.0000, 0.9711
CMYK	0.93, 0.00, 0.97, 0.00
HSL	117°, 100%, 51%
HSV	117°, 97%, 100%
XYZ	36.2533, 72.0653, 12.2098
YIQ	155.8650, -61.6440, -127.3720

Conversions

Conversions Part 2

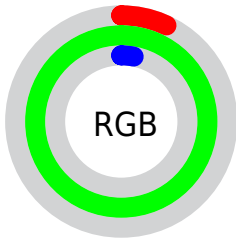
Format	Color
RYB	7, 255, 244
Decimal	1244935
CIELab	88.00, -85.67, 82.87
CIELCh	88, 119.186, 135.952
Yxy	72.0653, 0.3008, 0.5979
Android (android.graphics.Color)	4279435015 (0xFF12FF07)
YUV	155.8650, -73.3904, -120.9076
Hunter-Lab	84.8913, -72.3302, 50.8963

Details

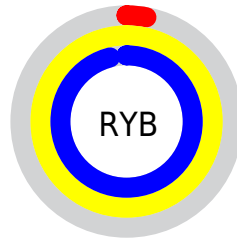
The CIELCh color **88, 119.186, 135.952** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **59, 115.318, 326.503**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 91.139, 135.450**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.577, 135.894**, and if you desaturate by 10%, it is **88, 115.407, 136.198**.

Distribution



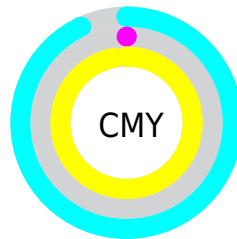
- Red (7%)
- Green (100%)
- Blue (3%)



- 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, 119.186, 135.952 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, 119.186, 135.952 by changing the saturation by 10% instead.

■ 88, 119.186,
135.952

■ 88, 119.186,
135.952

■ 100, 119.186,
135.952

■ 78, 119.186,
135.952

■ 68, 119.186,
135.952

■ 58, 119.186,
135.952

■ 48, 119.186,
135.952

■ 38, 119.186,
135.952

■ 28, 119.186,
135.952

■ 18, 119.186,

135.952

■ 8, 119.186,
135.952

■ 0, 119.186,
135.952

■ 88, 119.186,
135.952

■ 88, 119.186,
135.952

■ 88, 119.577,
135.894

■ 88, 115.407,
136.198

■ 88, 108.617,
136.809

■ 89, 98.871,
137.690

■ 90, 86.798,
138.698

■ 91, 73.054,
139.713

■ 93, 58.206,
140.662

■ 94, 42.713,
141.512

■ 96, 26.930,
142.253

■ 98, 11.126,
142.901

Harmonies

Complementary

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



88, 119.186, 135.952



59, 115.318, 326.503

Rectangle

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



88, 119.186, 135.952



88, 119.186, 185.952



88, 119.186, 315.952



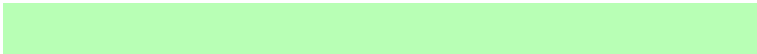
88, 119.186, 5.952

Sweetspot

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



88, 118.959, 135.952



94, 45.675, 141.359



94, 92.933, 99.641



49, 31.289, 141.001



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, 118.959, 135.952



88, 119.577, 135.894



88, 92.966, 146.927



52, 8.915, 142.752



68, 96.243, 135.842



23, 43.465, 136.171

Inverse Universe

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



59, 115.318, 326.503



58, 115.831, 326.475



56, 85.383, 357.085



50, 8.935, 323.743



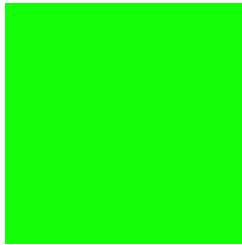
44, 93.291, 326.504



12, 42.904, 326.711

Previews

White Background



This preview shows how the CIE LCh color 88, 119.186, 135.952 looks on a white background.

Color Contrast Check

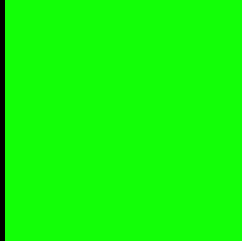
Large Text (above 18pt) WCAG AA × Fail

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, 119.186, 135.952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

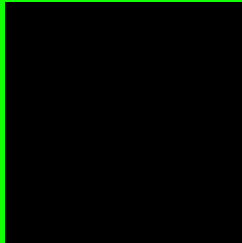
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

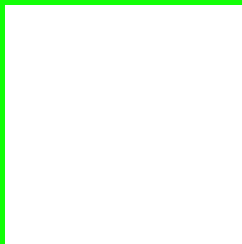
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 119.186, 135.952

Background



This preview shows how black text looks on a background with the CIELCh color 88, 119.186, 135.952.



This preview shows how white text looks on a background with the CIELCh color 88, 119.186, 135.952.

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, 118.988, 135.949

Protanopia

87, 87.019, 94.788

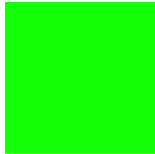
Deuteranopia

87, 39.985, 80.146



Tritanopia
87, 34.988, 214.035

Trichromacy



Original Color
88, 118.988, 135.949



Protanomaly
84, 94.577, 119.867

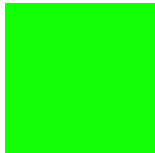


Deuteranomaly
84, 69.791, 124.125



Tritanomaly
86, 64.923, 156.808

Monochromacy



Original Color
88, 118.988, 135.949



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, 119.186, 135.952 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(18, 255, 7)` looks like.

```
.text, #text, p{  
    color:rgb(18, 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(18, 255, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 255, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 119.186, 135.952 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(18, 255, 7) }
```

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

```
.border{ border-color:rgb(18, 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(18, 255, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 255, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 255, 7);  
box-shadow:4px 4px 4px 4px rgb(18, 255, 7)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 119.186, 135.952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 255, 7) }
```

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

```
.background{ background-color: rgb(18, 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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