

Converting Colors

CIELCh(88, 118.686, 135.345)

Have a look what the booklet for
CIELCh(88, 118.686, 135.345)
contains.

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Color

CIELCh(88, 118.589, 135.345)

Conversions

Conversions Part 1

Format	Color
Hex	26FF02
RGB	38, 255, 2
RGB Percent	15%, 100%, 1%
CMY	0.8491, 0.0000, 0.9932
CMYK	0.85, 0.00, 0.99, 0.00
HSL	111°, 100%, 50%
HSV	111°, 99%, 100%
XYZ	36.6469, 72.0653, 12.0272
YIQ	161.2750, -48.1190, -124.6870

Conversions

Conversions Part 2

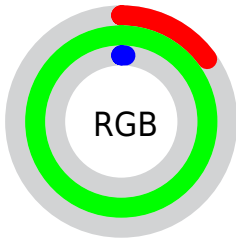
Format	Color
R_{YB}	2, 255, 219
Decimal	2555650
CIE _{Lab}	88.00, -84.36, 83.35
CIE _{LCh}	88, 118.589, 135.345
Yxy	72.0653, 0.3035, 0.5969
Android (android.graphics.Color)	4280745730 (0xFF26FF02)
YUV	161.2750, -78.5226, -108.1122
Hunter-Lab	84.8913, -71.5027, 51.0238

Details

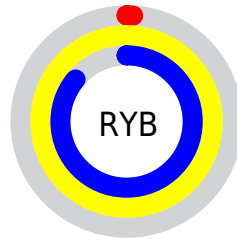
The CIELCh color **88, 118.589, 135.345** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **54, 116.805, 322.596**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.558, 134.473**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 118.702, 135.355**, and if you desaturate by 10%, it is **88, 114.958, 135.143**.

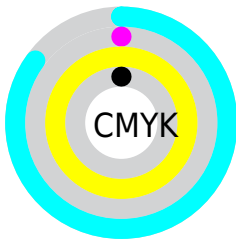
Distribution



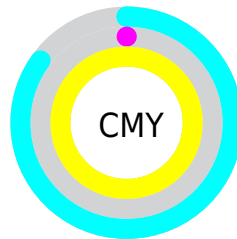
- Red (15%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (86%)



- Cyan (85%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)





- Cyan (85%)
- Magenta (0%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.589, 135.345 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, 118.589, 135.345 by changing the saturation by 10% instead.


 88, 118.589,
135.345


 88, 118.589,
135.345


 100, 118.589,
135.345


 78, 118.589,
135.345


 68, 118.589,
135.345

 58, 118.589,
135.345

 48, 118.589,
135.345

 38, 118.589,
135.345

 28, 118.589,
135.345

 18, 118.589,

135.345

■ 8, 118.589,
135.345

■ 0, 118.589,
135.345

■ 88, 118.589,
135.345

■ 88, 118.589,
135.345

■ 88, 118.702,
135.355

■ 88, 114.958,
135.143

■ 89, 108.413,
135.291

■ 89, 98.990,
135.778

■ 90, 87.303,
136.474

■ 91, 74.010,
137.253

■ 93, 59.668,
138.029

■ 94, 44.707,
138.753

■ 96, 29.453,
139.405

■ 98, 14.147,
139.984

Harmonies

Complementary

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



88, 118.589, 135.345



54, 116.805, 322.596

Rectangle

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



88, 118.589, 135.345



88, 118.589, 185.345



88, 118.589, 315.345



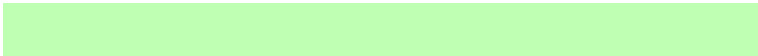
88, 118.589, 5.345

Sweetspot

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



88, 118.518, 135.345



94, 45.737, 138.706



87, 87.397, 91.919



49, 31.157, 138.407



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, 118.518, 135.345



88, 118.702, 135.355



88, 102.798, 142.473



52, 8.631, 139.974



68, 95.451, 135.233



23, 42.676, 134.772

Inverse Universe

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



54, 116.805, 322.596



54, 116.953, 322.570



56, 89.260, 349.120



50, 8.668, 320.852



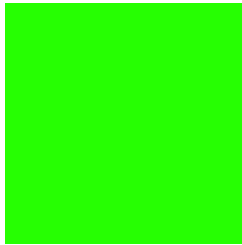
41, 94.170, 322.662



10, 43.235, 323.307

Previews

White Background



This preview shows how the CIELCh color 88, 118.589, 135.345 looks on a white background.

Color Contrast Check

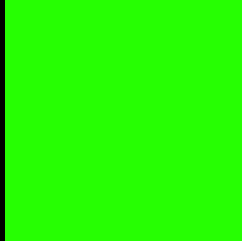
Large Text (above 18pt) WCAG AA × Fail

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, 118.589, 135.345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

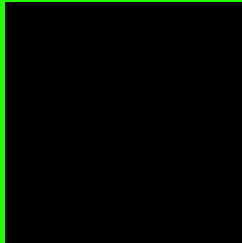
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 118.589, 135.345

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.589, 135.345.



This preview shows how white text looks on a background with the CIELCh color 88, 118.589, 135.345.

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, 118.527, 135.366

Protanopia

87, 87.243, 95.106

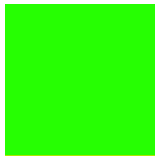
Deuteranopia

87, 39.060, 79.611



Tritanopia
88, 34.235, 214.454

Trichromacy



Original Color

88, 118.527, 135.366



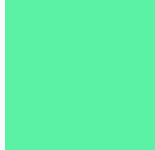
Protanomaly

85, 94.153, 118.250



Deuteranomaly

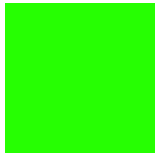
84, 69.269, 121.957



Tritanomaly

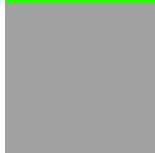
86, 64.260, 155.265

Monochromacy



Original Color

88, 118.527, 135.366



Achromatopsia

66, 0.008, 296.813



Achromatomaly

72, 57.235, 137.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.589, 135.345 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(38, 255, 2)` looks like.

```
.text, #text, p{  
    color:rgb(38, 255, 2)  
}
```

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(38, 255, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 255, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.589, 135.345 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(38, 255, 2) }
```

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

```
.border{ border-color:rgb(38, 255, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 255, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 255, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 255, 2);  
box-shadow:4px 4px 4px 4px rgb(38, 255, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.589, 135.345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 255, 2) }
```

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

```
.background{ background-color: rgb(38, 255,  
2) }
```

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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