

Converting Colors

CIELCh(88, 117.393, 136.322)

Have a look what the booklet for
CIELCh(88, 117.393, 136.322)
contains.

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Color

CIELCh(88, 117.224, 136.318)

Conversions

Conversions Part 1

Format	Color
Hex	1BFF1A
RGB	27, 255, 26
RGB Percent	11%, 100%, 10%
CMY	0.8929, 0.0000, 0.8990
CMYK	0.89, 0.00, 0.90, 0.00
HSL	120°, 100%, 55%
HSV	120°, 90%, 100%
XYZ	36.5213, 72.0653, 12.9473
YIQ	160.7220, -62.3790, -119.5550

Conversions

Conversions Part 2

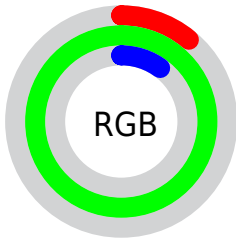
Format	Color
R _Y B	26, 255, 254
Decimal	1834778
CIE Lab	88.00, -84.77, 80.96
CIE LCh	88, 117.224, 136.318
Yxy	72.0653, 0.3005, 0.5930
Android (android.graphics.Color)	4280024858 (0xFF1BFF1A)
YUV	160.7220, -66.4179, -117.2742
Hunter-Lab	84.8913, -71.7667, 50.3812

Details

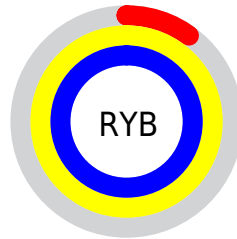
The CIELCh color **88, 117.224, 136.318** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **61, 113.416, 327.917**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.743, 136.018**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.726, 136.000**, and if you desaturate by 10%, it is **88, 111.410, 136.982**.

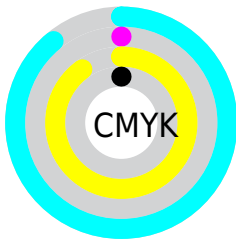
Distribution



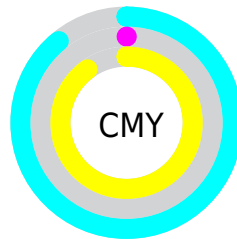
- Red (11%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (100%)



- Cyan (89%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (89%)
- Magenta (0%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 117.224, 136.318 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, 117.224, 136.318 by changing the saturation by 10% instead.


 88, 117.224,
136.318


 88, 117.224,
136.318


 100, 117.224,
136.318


 78, 117.224,
136.318


 68, 117.224,
136.318

 58, 117.224,
136.318

 48, 117.224,
136.318

 38, 117.224,
136.318

 28, 117.224,
136.318

 18, 117.224,

136.318

■ 8, 117.224,
136.318

■ 0, 117.224,
136.318

■ 88, 117.224,
136.318

■ 88, 117.224,
136.318

■ 88, 119.726,
136.000

■ 88, 111.410,
136.982

■ 88, 119.747,
135.997

■ 89, 102.586,
137.942

■ 90, 91.167,
139.051

■ 91, 77.815,
140.174

■ 92, 63.136,
141.227

■ 94, 47.638,
142.168

■ 96, 31.726,
142.988

■ 98, 15.713,
143.695

100, 0.012,
296.813

Harmonies

Complementary

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



88, 117.224, 136.318



61, 113.416, 327.917

Rectangle

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



88, 117.224, 136.318



88, 117.224, 186.318



88, 117.224, 316.318



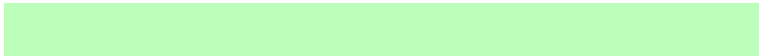
88, 117.224, 6.318

Sweetspot

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



88, 117.085, 136.320



94, 43.054, 142.418



96, 93.532, 102.030



50, 28.983, 142.122



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, 117.085, 136.320



88, 119.747, 135.997



89, 85.950, 150.136



52, 9.023, 143.721



68, 96.439, 135.989



22, 43.769, 136.683

Inverse Universe

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



61, 113.416, 327.917



60, 115.599, 327.958



56, 83.744, 357.369



50, 9.038, 324.762



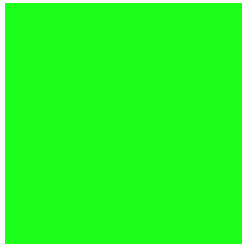
45, 93.108, 327.963



12, 42.833, 327.995

Previews

White Background



This preview shows how the CIELCh color 88, 117.224, 136.318 looks on a white background.

Color Contrast Check

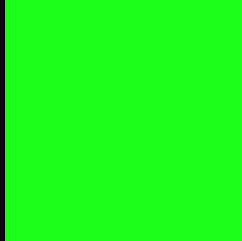
Large Text (above 18pt) WCAG AA × Fail

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, 117.224, 136.318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

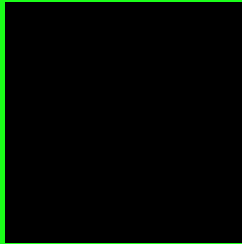
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

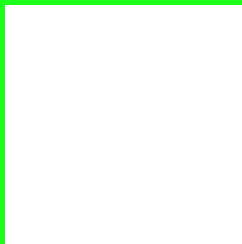
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 117.224, 136.318

Background



This preview shows how black text looks on a background with the CIELCh color 88, 117.224, 136.318.



This preview shows how white text looks on a background with the CIELCh color 88, 117.224, 136.318.

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, 117.069, 136.337

Protanopia

87, 87.076, 95.105

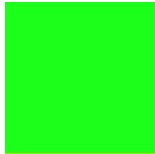
Deuteranopia

87, 39.522, 79.882



Tritanopia
87, 34.614, 214.241

Trichromacy



Original Color
88, 117.069, 136.337



Protanomaly
85, 93.987, 119.529

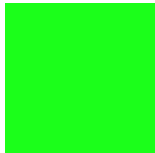


Deuteranomaly
84, 66.529, 124.229



Tritanomaly
86, 61.647, 158.761

Monochromacy



Original Color
88, 117.069, 136.337



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 54.161, 141.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 117.224, 136.318 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(27, 255, 26)` looks like.

```
.text, #text, p{  
    color:rgb(27, 255, 26)  
}
```

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(27, 255, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 255, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 117.224, 136.318 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(27, 255, 26) }
```

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

```
.border{ border-color:rgb(27, 255, 26) }
```

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

Here you see how a box with a 4 pixel rgb(27, 255, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 255, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 255, 26);  
box-shadow:4px 4px 4px 4px rgb(27, 255,  
26) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 117.224, 136.318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 255, 26) }
```

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

```
.background{ background-color: rgb(27, 255,  
26) }
```

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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