

Converting Colors

CIELCh(88, 117.294, 136.336)

Have a look what the booklet for
CIELCh(88, 117.294, 136.336)
contains.

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Color

CIELCh(88, 117.105, 136.360)

Conversions

Conversions Part 1

Format	Color
Hex	1BFF1B
RGB	27, 255, 27
RGB Percent	11%, 100%, 11%
CMY	0.8930, 0.0000, 0.8952
CMYK	0.89, 0.00, 0.90, 0.00
HSL	120°, 100%, 55%
HSV	120°, 90%, 100%
XYZ	36.5294, 72.0653, 13.0044
YIQ	160.8360, -62.7000, -119.2440

Conversions

Conversions Part 2

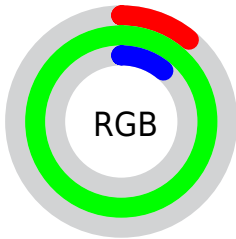
Format	Color
RYB	27, 255, 255
Decimal	1834779
CIELab	88.00, -84.75, 80.82
CIElCh	88, 117.105, 136.360
Yxy	72.0653, 0.3004, 0.5926
Android (android.graphics.Color)	4280024859 (0xFF1BFF1B)
YUV	160.8360, -65.9811, -117.3742
Hunter-Lab	84.8913, -71.7497, 50.3413

Details

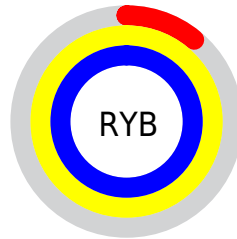
The CIELCh color **88, 117.105, 136.360** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **61, 113.279, 328.075**, and the grayscale version is **66, 0.008, 296.813**.

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, 119.669, 136.022**, and if you desaturate by 10%, it is **88, 111.193, 137.056**.

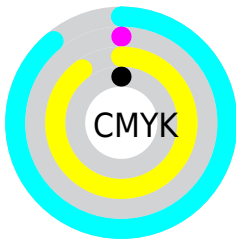
Distribution



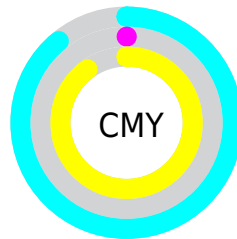
- Red (11%)
- Green (100%)
- Blue (11%)



- Red (11%)
- 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, 117.105, 136.360 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, 117.105, 136.360 by changing the saturation by 10% instead.


 88, 117.105,
136.360


 88, 117.105,
136.360


 100, 117.105,
136.360


 78, 117.105,
136.360


 68, 117.105,
136.360

 58, 117.105,
136.360


 48, 117.105,
136.360


 38, 117.105,
136.360


 28, 117.105,
136.360


 18, 117.105,


136.360


 8, 117.105,
136.360


 0, 117.105,
136.360


 88, 117.105,
136.360


 88, 117.105,
136.360


 88, 119.669,
136.022

 88, 111.193,
137.056

 88, 119.767,
136.009

 89, 102.278,
138.041

 90, 90.783,
139.167

 91, 77.369,
140.301

■ 92, 62.640,
141.360

■ 94, 47.103,
142.304

■ 96, 31.160,
143.125

■ 98, 15.125,
143.833

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, 117.105, 136.360



61, 113.279, 328.075

Rectangle

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



88, 117.105, 136.360



88, 117.105, 186.360



88, 117.105, 316.360



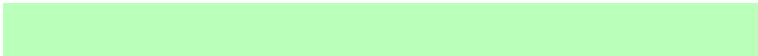
88, 117.105, 6.360

Sweetspot

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



88, 116.968, 136.362



94, 43.115, 142.522



96, 93.404, 102.043



50, 29.024, 142.224



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, 116.968, 136.362



88, 119.767, 136.009



89, 85.724, 150.222



52, 9.036, 143.834



68, 96.462, 136.006



22, 43.805, 136.743

Inverse Universe

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



61, 113.279, 328.075



60, 115.578, 328.135



56, 83.667, 357.234



50, 9.050, 324.881



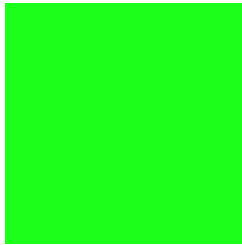
45, 93.091, 328.137



12, 42.826, 328.148

Previews

White Background



This preview shows how the CIELCh color 88, 117.105, 136.360 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, 117.105, 136.360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

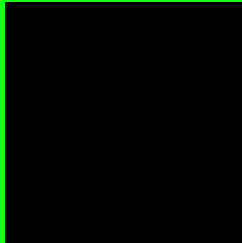
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

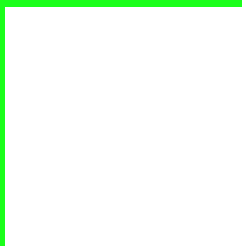
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 117.105, 136.360

Background



This preview shows how black text looks on a background with the CIELCh color 88, 117.105, 136.360.

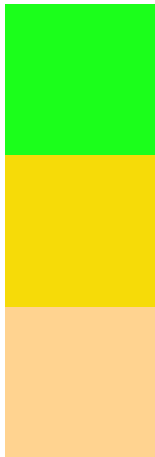


This preview shows how white text looks on a background with the CIELCh color 88, 117.105, 136.360.

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, 116.946, 136.380

Protanopia

87, 86.576, 95.103

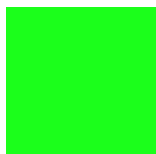
Deuteranopia

87, 39.522, 79.882

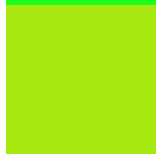


Tritanopia
87, 34.614, 214.241

Trichromacy



Original Color
88, 116.946, 136.380



Protanomaly
85, 93.630, 119.616

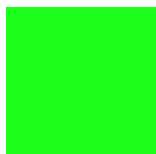


Deuteranomaly
84, 66.529, 124.229

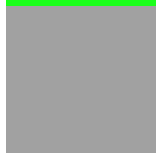


Tritanomaly
86, 61.647, 158.761

Monochromacy



Original Color
88, 116.946, 136.380



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, 117.105, 136.360 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, 27)` looks like.

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

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, 27) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 88, 117.105, 136.360 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, 27) }
```

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

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

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, 27) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 88, 117.105, 136.360 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, 27) }
```

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

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

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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