

Converting Colors

CIELCh(88, 117.064, 136.394)

Have a look what the booklet for
CIELCh(88, 117.064, 136.394)
contains.

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Color

CIELCh(88, 116.946, 136.380)

Conversions

Conversions Part 1

Format	Color
Hex	1CFF1C
RGB	28, 255, 28
RGB Percent	11%, 100%, 11%
CMY	0.8896, 0.0000, 0.8915
CMYK	0.89, 0.00, 0.89, 0.00
HSL	120°, 100%, 55%
HSV	120°, 89%, 100%
XYZ	36.5556, 72.0653, 13.0596
YIQ	161.2490, -62.4250, -118.7210

Conversions

Conversions Part 2

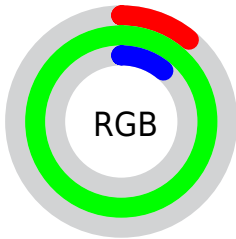
Format	Color
R_{YB}	28, 255, 255
Decimal	1900316
CIE _{Lab}	88.00, -84.66, 80.68
CIE _{LCh}	88, 116.946, 136.380
Yxy	72.0653, 0.3004, 0.5923
Android (android.graphics.Color)	4280090396 (0xFF1CFF1C)
YUV	161.2490, -65.6918, -116.8594
Hunter-Lab	84.8913, -71.6947, 50.3027

Details

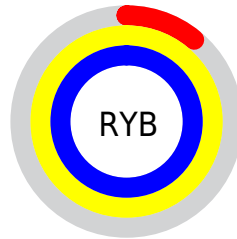
The CIELCh color **88, 116.946, 136.380** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **61, 113.152, 328.080**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.388, 136.164**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.595, 136.033**, and if you desaturate by 10%, it is **88, 110.924, 137.089**.

Distribution



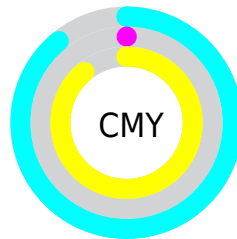
- Red (11%)
- Green (100%)
- Blue (11%)



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



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 116.946, 136.380 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, 116.946, 136.380 by changing the saturation by 10% instead.


 88, 116.946,
136.380


 88, 116.946,
136.380


 100, 116.946,
136.380


 78, 116.946,
136.380


 68, 116.946,
136.380

 58, 116.946,
136.380

 48, 116.946,
136.380

 38, 116.946,
136.380

 28, 116.946,
136.380

 18, 116.946,

136.380

■ 8, 116.946,
136.380

■ 0, 116.946,
136.380

■ 88, 116.946,
136.380

■ 88, 116.946,
136.380

■ 88, 119.595,
136.033

■ 88, 110.924,
137.089

■ 88, 119.768,
136.010

■ 89, 101.905,
138.083

■ 90, 90.329,
139.213

■ 91, 76.857,
140.346

■ 92, 62.091,
141.401

■ 94, 46.531,
142.341

■ 96, 30.580,
143.158

■ 98, 14.544,
143.863

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, 116.946, 136.380



61, 113.152, 328.080

Rectangle

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



88, 116.946, 136.380



88, 116.946, 186.380



88, 116.946, 316.380



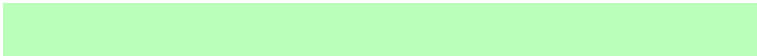
88, 116.946, 6.380

Sweetspot

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



88, 116.819, 136.382



94, 43.119, 142.528



96, 93.278, 102.055



50, 29.026, 142.230



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, 116.819, 136.382



88, 119.768, 136.010



89, 85.507, 150.303



52, 9.037, 143.840



68, 96.463, 136.007



22, 43.807, 136.746

Inverse Universe

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



61, 113.152, 328.080



60, 115.577, 328.144



56, 83.590, 357.106



50, 9.051, 324.888



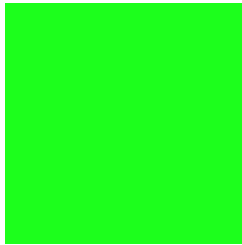
45, 93.091, 328.146



12, 42.826, 328.156

Previews

White Background



This preview shows how the CIELCh color 88, 116.946, 136.380 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, 116.946, 136.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

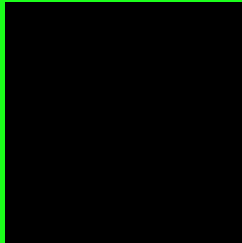
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

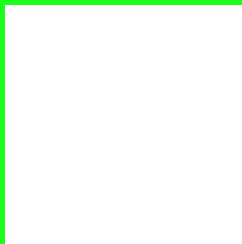
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 116.946, 136.380

Background



This preview shows how black text looks on a background with the CIELCh color 88, 116.946, 136.380.



This preview shows how white text looks on a background with the CIELCh color 88, 116.946, 136.380.

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, 116.781, 136.401

Protanopia

87, 86.326, 95.102

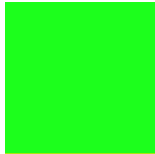
Deuteranopia

87, 39.060, 79.611



Tritanopia
87, 34.614, 214.241

Trichromacy



Original Color
88, 116.781, 136.401



Protanomaly
85, 93.301, 119.448

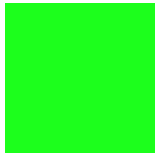


Deuteranomaly
84, 65.978, 124.073



Tritanomaly
86, 61.647, 158.761

Monochromacy



Original Color
88, 116.781, 136.401



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 53.541, 141.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 116.946, 136.380 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(28, 255, 28)` looks like.

```
.text, #text, p{  
    color:rgb(28, 255, 28)  
}
```

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(28, 255, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 255, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 116.946, 136.380 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(28, 255, 28) }
```

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

```
.border{ border-color:rgb(28, 255, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 255, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 255, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 255, 28);  
box-shadow:4px 4px 4px 4px rgb(28, 255,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 116.946, 136.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 255, 28) }
```

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

```
.background{ background-color: rgb(28, 255,  
28) }
```

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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