

Converting Colors

CIELCh(88, 119.034, 136.249)

Have a look what the booklet for
CIELCh(88, 119.034, 136.249)
contains.

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Color

CIELCh(88, 118.762, 136.246)

Conversions

Conversions Part 1

Format	Color
Hex	0CFF10
RGB	12, 255, 16
RGB Percent	5%, 100%, 6%
CMY	0.9537, 0.0000, 0.9372
CMYK	0.95, 0.00, 0.94, 0.00
HSL	121°, 100%, 52%
HSV	121°, 95%, 100%
XYZ	36.2180, 72.0653, 12.4907
YIQ	155.0970, -68.1090, -125.8450

Conversions

Conversions Part 2

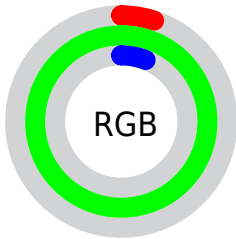
Format	Color
R _Y B	12, 251, 255
Decimal	851728
CIE Lab	88.00, -85.78, 82.13
CIE LCh	88, 118.762, 136.246
Yxy	72.0653, 0.2999, 0.5967
Android (android.graphics.Color)	4279041808 (0xFF0CFF10)
YUV	155.0970, -68.5748, -125.4961
Hunter-Lab	84.8913, -72.4045, 50.7001

Details

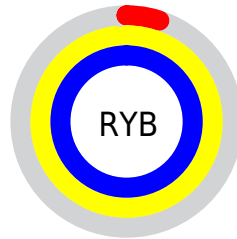
The CIELCh color **88, 118.762, 136.246** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **60, 113.281, 328.891**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 90.755, 135.995**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 119.505, 136.110**, and if you desaturate by 10%, it is **88, 114.358, 136.852**.

Distribution



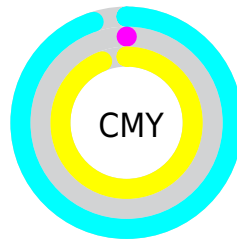
- Red (5%)
- Green (100%)
- Blue (6%)



- Red (5%)
- Yellow (98%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (95%)
- Magenta (0%)
- Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 118.762, 136.246 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, 118.762, 136.246 by changing the saturation by 10% instead.


 88, 118.762,
136.246


 88, 118.762,
136.246


 100, 118.762,
136.246


 78, 118.762,
136.246


 68, 118.762,
136.246

 58, 118.762,
136.246

 48, 118.762,
136.246

 38, 118.762,
136.246

 28, 118.762,
136.246

 18, 118.762,

136.246

■ 8, 118.762,
136.246

■ 0, 118.762,
136.246

■ 88, 118.762,
136.246

■ 88, 118.762,
136.246

■ 88, 119.505,
136.110

■ 88, 114.358,
136.852

■ 88, 107.028,
137.788

■ 89, 96.894,
138.921

■ 90, 84.561,
140.106

■ 91, 70.639,
141.241

■ 93, 55.663,
142.269

■ 94, 40.078,
143.171

■ 96, 24.236,
143.949

■ 99, 8.407, 144.630

Harmonies

Complementary

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



88, 118.762, 136.246



60, 113.281, 328.891

Rectangle

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



88, 118.762, 136.246



88, 118.762, 186.246



88, 118.762, 316.246



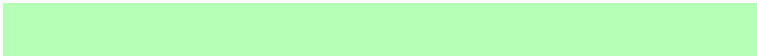
88, 118.762, 6.246

Sweetspot

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



88, 118.514, 136.248



94, 45.787, 142.858



97, 96.130, 103.922



49, 31.361, 142.469



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, 118.514, 136.248



88, 119.505, 136.110



89, 86.047, 150.568



52, 8.938, 144.355



68, 96.159, 136.150



22, 43.444, 137.098

Inverse Universe

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



60, 113.281, 328.891



60, 113.987, 328.943



55, 83.955, 2.519



50, 8.952, 325.411



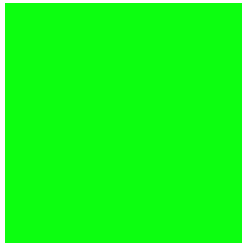
45, 91.832, 328.931



12, 42.316, 328.845

Previews

White Background



This preview shows how the CIELCh color 88, 118.762, 136.246 looks on a white background.

Color Contrast Check

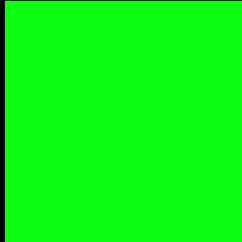
Large Text (above 18pt) WCAG AA × Fail

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, 118.762, 136.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

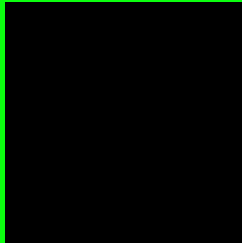
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

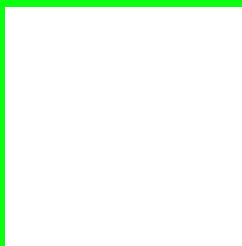
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 118.762, 136.246

Background



This preview shows how black text looks on a background with the CIELCh color 88, 118.762, 136.246.

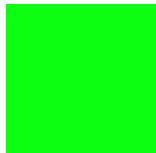


This preview shows how white text looks on a background with the CIELCh color 88, 118.762, 136.246.

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, 118.512, 136.246



Deuteranopia

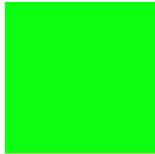
87, 39.985, 80.146



Tritanopia

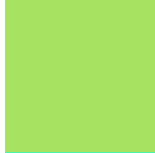
87, 34.988, 214.035

Trichromacy



Original Color

88, 118.512, 136.246



Deuteranomaly

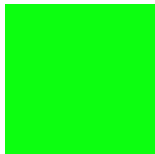
84, 68.864, 125.111



Tritanomaly

86, 64.075, 157.959

Monochromacy



Original Color

88, 118.512, 136.246



Achromatopsia

64, 0.008, 296.813



Achromatomaly

70, 56.960, 141.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 118.762, 136.246 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(12, 255, 16)` looks like.

```
.text, #text, p{  
    color:rgb(12, 255, 16)  
}
```

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(12, 255, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 255, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 118.762, 136.246 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(12, 255, 16) }
```

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

```
.border{ border-color:rgb(12, 255, 16) }
```

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

Here you see how a box with a 4 pixel rgb(12, 255, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 255, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 255, 16);  
box-shadow:4px 4px 4px 4px rgb(12, 255,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 118.762, 136.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 255, 16) }
```

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

```
.background{ background-color: rgb(12, 255,  
16) }
```

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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