

Converting Colors

CIELCh(88, 112.339, 138.681)

Have a look what the booklet for
CIELCh(88, 112.339, 138.681)
contains.

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Color

CIELCh(88, 112.130, 138.706)

Conversions

Conversions Part 1

Format	Color
Hex	05FF39
RGB	5, 255, 57
RGB Percent	2%, 100%, 22%
CMY	0.9791, 0.0000, 0.7750
CMYK	0.98, 0.00, 0.77, 0.00
HSL	133°, 100%, 51%
HSV	133°, 98%, 100%
XYZ	36.6806, 72.0653, 15.8971
YIQ	157.6780, -85.4420, -114.5780

Conversions

Conversions Part 2

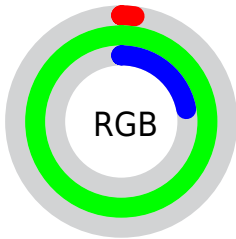
Format	Color
RYB	5, 212, 255
Decimal	393017
CIELab	88.00, -84.25, 74.00
CIELCh	88, 112.130, 138.706
Yxy	72.0653, 0.2943, 0.5782
Android (android.graphics.Color)	4278583097 (0xFF05FF39)
YUV	157.6780, -49.6343, -133.8986
Hunter-Lab	84.8913, -71.4319, 48.3210

Details

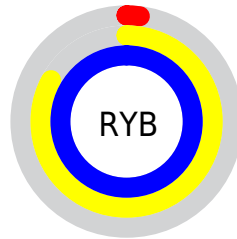
The CIELCh color **88, 112.130, 138.706** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **58, 97.999, 338.682**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 83.103, 139.740**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 113.056, 138.414**, and if you desaturate by 10%, it is **88, 105.923, 140.358**.

Distribution



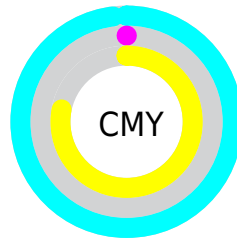
- Red (2%)
- Green (100%)
- Blue (22%)



- Red (2%)
- Yellow (83%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (77%)
- Black (0%)





- Cyan (98%)
- Magenta (0%)
- Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 112.130, 138.706 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, 112.130, 138.706 by changing the saturation by 10% instead.


 88, 112.130,
138.706


 88, 112.130,
138.706


 100, 112.130,
138.706


 78, 112.130,
138.706


 68, 112.130,
138.706

 58, 112.130,
138.706

 48, 112.130,
138.706

 38, 112.130,
138.706

 28, 112.130,
138.706

 18, 112.130,

138.706

■ 8, 112.130,
138.706

■ 0, 112.130,
138.706

■ 88, 112.130,
138.706

■ 88, 112.130,
138.706

■ 88, 113.056,
138.414

■ 88, 105.923,
140.358

■ 89, 97.973,
142.058

■ 89, 88.330,
143.691

■ 90, 77.256,
145.190

■ 91, 65.053,
146.526

■ 93, 52.031,
147.694

■ 94, 38.490,
148.704

■ 96, 24.690,
149.577

■ 98, 10.850,
150.343

Harmonies

Complementary

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



88, 112.130, 138.706



58, 97.999, 338.682

Rectangle

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



88, 112.130, 138.706



88, 112.130, 188.706



88, 112.130, 318.706



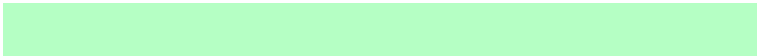
88, 112.130, 8.706

Sweetspot

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



88, 111.997, 138.714



94, 39.986, 148.601



94, 99.085, 114.755



49, 27.393, 148.181



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, 111.997, 138.714



88, 113.056, 138.414



89, 70.485, 161.841



52, 7.810, 150.226



68, 90.432, 138.705



23, 39.241, 141.205

Inverse Universe

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



58, 97.999, 338.682



58, 98.045, 338.934



54, 87.363, 21.193



50, 7.835, 331.399



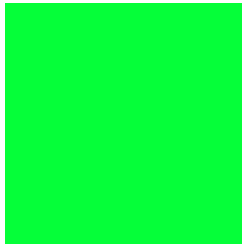
43, 79.181, 338.708



11, 37.115, 337.189

Previews

White Background



This preview shows how the CIELCh color 88, 112.130, 138.706 looks on a white background.

Color Contrast Check

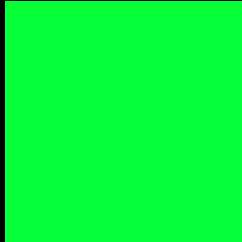
Large Text (above 18pt) WCAG AA × Fail

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, 112.130, 138.706 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

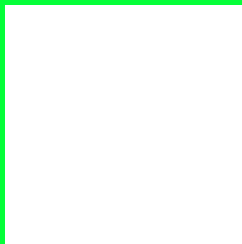
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 112.130, 138.706

Background



This preview shows how black text looks on a background with the CIELCh color 88, 112.130, 138.706.



This preview shows how white text looks on a background with the CIELCh color 88, 112.130,

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

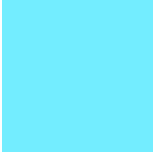
88, 112.093, 138.684

Protanopia

87, 79.649, 95.340

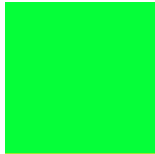
Deuteranopia

87, 38.598, 79.332



Tritanopia
88, 34.968, 213.121

Trichromacy



Original Color
88, 112.093, 138.684



Protanomaly
85, 88.191, 123.076

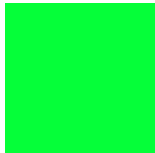


Deuteranomaly
84, 62.226, 128.751

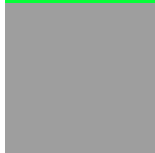


Tritanomaly
87, 59.445, 163.299

Monochromacy



Original Color
88, 112.093, 138.684



Achromatopsia
65, 0.008, 296.813



Achromatomaly
71, 51.158, 146.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 112.130, 138.706 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(5, 255, 57)` looks like.

```
.text, #text, p{  
    color:rgb(5, 255, 57)  
}
```

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(5, 255, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 255, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 112.130, 138.706 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(5, 255, 57) }
```

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

```
.border{ border-color:rgb(5, 255, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 255, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 255, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 255, 57);  
box-shadow:4px 4px 4px 4px rgb(5, 255, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 112.130, 138.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 255, 57) }
```

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

```
.background{ background-color: rgb(5, 255,  
57) }
```

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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