

Converting Colors

CIELCh(88, 105.789, 141.094)

Have a look what the booklet for
CIELCh(88, 105.789, 141.094)
contains.

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Color

CIELCh(88, 105.907, 141.071)

Conversions

Conversions Part 1

Format	Color
Hex	06FF50
RGB	6, 255, 80
RGB Percent	2%, 100%, 31%
CMY	0.9756, 0.0004, 0.6867
CMYK	0.98, 0.00, 0.69, 0.00
HSL	138°, 100%, 51%
HSV	138°, 98%, 100%
XYZ	37.2455, 72.0653, 19.5150
YIQ	160.5990, -92.2290, -107.2130

Conversions

Conversions Part 2

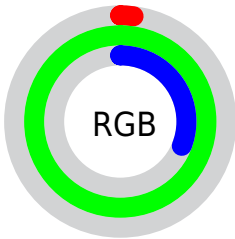
Format	Color
RYB	6, 198, 255
Decimal	458576
CIELab	88.00, -82.39, 66.55
CIELCh	88, 105.907, 141.071
Yxy	72.0653, 0.2891, 0.5594
Android (android.graphics.Color)	4278648656 (0xFF06FF50)
YUV	160.5990, -39.7353, -135.5833
Hunter-Lab	84.8913, -70.2441, 45.7941

Details

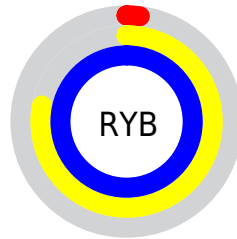
The CIELCh color **88, 105.907, 141.071** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **57, 92.158, 344.559**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 75.993, 143.598**, and **69, 97.980, 136.132** is the 20% darker color. If you saturate the color by 10%, you get **88, 107.303, 140.622**, and if you desaturate by 10%, it is **88, 99.458, 143.037**.

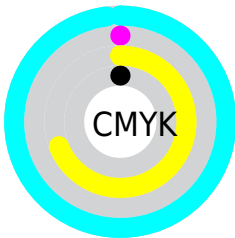
Distribution



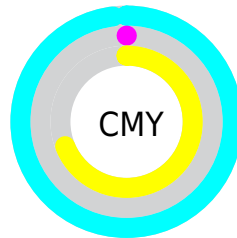
- Red (2%)
- Green (100%)
- Blue (31%)



- Red (2%)
- Yellow (78%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)





- Cyan (98%)
- Magenta (0%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 105.907, 141.071 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, 105.907, 141.071 by changing the saturation by 10% instead.


 88, 105.907,
141.071


 88, 105.907,
141.071


 100, 105.907,
141.071


 78, 105.907,
141.071


 68, 105.907,
141.071

 58, 105.907,
141.071

 48, 105.907,
141.071

 38, 105.907,
141.071

 28, 105.907,
141.071

 18, 105.907,

141.071

■ 8, 105.907,
141.071

■ 0, 105.907,
141.071

■ 88, 105.907,
141.071

■ 88, 105.907,
141.071

■ 88, 107.303,
140.622

■ 88, 99.458,
143.037

■ 89, 91.568,
144.942

■ 89, 82.311,
146.702

■ 90, 71.849,
148.280

■ 91, 60.405,
149.668

■ 93, 48.230,
150.876

■ 94, 35.577,
151.925

■ 96, 22.676,
152.838

■ 98, 9.723, 153.649

Harmonies

Complementary

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



88, 105.907, 141.071



57, 92.158, 344.559

Rectangle

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



88, 105.907, 141.071



88, 105.907, 191.071



88, 105.907, 321.071



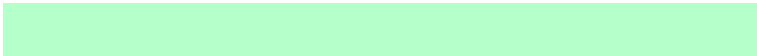
88, 105.907, 11.071

Sweetspot

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



88, 105.907, 141.071



94, 37.432, 151.783



92, 101.210, 119.084



49, 25.635, 151.345



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, 105.907, 141.071



88, 107.339, 140.622



90, 63.268, 169.249



52, 7.323, 153.496



68, 85.738, 140.982



23, 36.955, 143.854

Inverse Universe

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



57, 92.158, 344.559



57, 92.183, 345.044



54, 91.377, 28.072



50, 7.360, 334.757



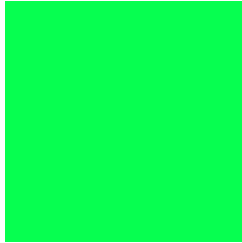
43, 74.493, 344.664



11, 35.093, 342.127

Previews

White Background



This preview shows how the CIE LCh color 88, 105.907, 141.071 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, 105.907, 141.071 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, 105.907, 141.071

Background



This preview shows how black text looks on a background with the CIELCh color 88, 105.907, 141.071.

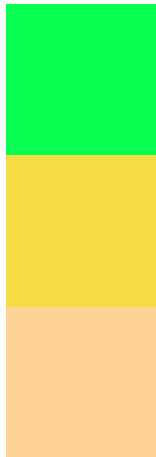


This preview shows how white text looks on a background with the CIELCh color 88, 105.907, 141.071.

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

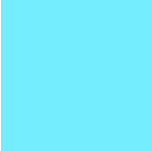
88, 105.926, 141.082

Protanopia

87, 72.716, 95.196

Deuteranopia

87, 36.758, 78.133



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 105.926, 141.082



Protanomaly
85, 81.269, 125.178



Deuteranomaly
84, 57.309, 130.624



Tritanomaly
87, 56.582, 166.500

Monochromacy



Original Color
88, 105.926, 141.082



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 47.160, 150.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 105.907, 141.071 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(6, 255, 80)` looks like.

```
.text, #text, p{  
    color:rgb(6, 255, 80)  
}
```

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(6, 255, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 255, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 105.907, 141.071 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(6, 255, 80) }
```

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

```
.border{ border-color:rgb(6, 255, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 255, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 255, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 255, 80);  
box-shadow:4px 4px 4px 4px rgb(6, 255, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 105.907, 141.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 255, 80) }
```

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

```
.background{ background-color: rgb(6, 255,  
80) }
```

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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