

Converting Colors

CIELCh(88, 106.193, 140.525)

Have a look what the booklet for
CIELCh(88, 106.193, 140.525)
contains.

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Color

CIELCh(88, 106.394, 140.476)

Conversions

Conversions Part 1

Format	Color
Hex	16FF4D
RGB	22, 255, 77
RGB Percent	9%, 100%, 30%
CMY	0.9137, 0.0010, 0.6990
CMYK	0.91, 0.00, 0.70, 0.00
HSL	134°, 100%, 54%
HSV	134°, 91%, 100%
XYZ	37.3432, 72.0653, 18.9180
YIQ	165.0410, -81.7300, -104.7540

Conversions

Conversions Part 2

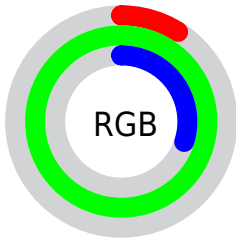
Format	Color
R _Y B	22, 211, 255
Decimal	1507149
CIE Lab	88.00, -82.07, 67.71
CIE LCh	88, 106.394, 140.476
Yxy	72.0653, 0.2910, 0.5616
Android (android.graphics.Color)	4279697229 (0xFF16FF4D)
YUV	165.0410, -43.4042, -125.4470
Hunter-Lab	84.8913, -70.0385, 46.2111

Details

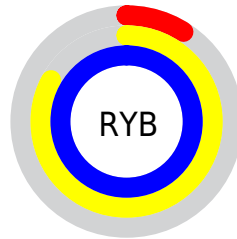
The CIELCh color **88, 106.394, 140.476** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **58, 95.695, 339.485**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 76.664, 142.548**, and **69, 98.257, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **88, 111.392, 139.008**, and if you desaturate by 10%, it is **88, 99.026, 142.261**.

Distribution



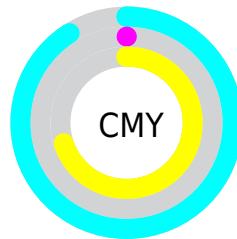
- Red (9%)
- Green (100%)
- Blue (30%)



- Red (9%)
- Yellow (83%)
- Blue (100%)



- Cyan (91%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (91%)
- Magenta (0%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 106.394, 140.476 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, 106.394, 140.476 by changing the saturation by 10% instead.


 88, 106.394,
140.476


 88, 106.394,
140.476


 100, 106.394,
140.476


 78, 106.394,
140.476


 68, 106.394,
140.476

 58, 106.394,
140.476

 48, 106.394,
140.476

 38, 106.394,
140.476

 28, 106.394,
140.476

 18, 106.394,

140.476

■ 8, 106.394,
140.476

■ 0, 106.394,
140.476

■ 88, 106.394,
140.476

■ 88, 106.394,
140.476

■ 88, 111.392,
139.008

■ 88, 99.026,
142.261

■ 89, 90.015,
143.981

■ 90, 79.569,
145.566

■ 91, 67.945,
146.981

■ 92, 55.433,
148.221

■ 94, 42.319,
149.297

■ 95, 28.868,
150.228

■ 97, 15.304,
151.038

■ 100, 1.810,
151.915

Harmonies

Complementary

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



88, 106.394, 140.476



58, 95.695, 339.485

Rectangle

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



88, 106.394, 140.476



88, 106.394, 190.476



88, 106.394, 320.476



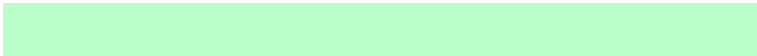
88, 106.394, 10.476

Sweetspot

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



88, 106.394, 140.477



94, 36.512, 149.719



93, 98.038, 115.992



50, 24.581, 149.391



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, 106.394, 140.477



88, 111.475, 139.007



90, 65.544, 165.987



52, 7.659, 151.179



68, 89.122, 139.323



23, 38.574, 141.953

Inverse Universe

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



58, 95.695, 339.485



57, 96.134, 340.685



54, 85.562, 20.457



50, 7.688, 332.376



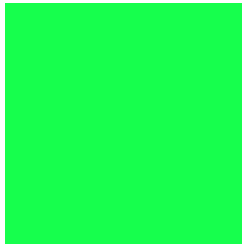
43, 77.657, 340.416



11, 36.468, 338.613

Previews

White Background



This preview shows how the CIELCh color 88, 106.394, 140.476 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, 106.394, 140.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

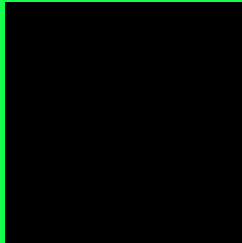
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 106.394, 140.476

Background



This preview shows how black text looks on a background with the CIELCh color 88, 106.394, 140.476.



This preview shows how white text looks on a background with the CIELCh color 88, 106.394, 140.476.

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

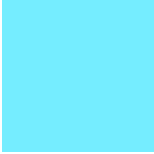
88, 106.427, 140.496

Protanopia

87, 73.772, 95.226

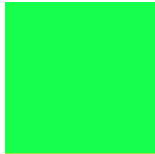
Deuteranopia

87, 37.217, 78.446



Tritanopia
88, 34.591, 213.319

Trichromacy



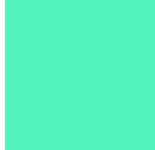
Original Color
88, 106.427, 140.496



Protanomaly
85, 81.428, 123.455

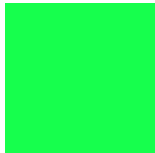


Deuteranomaly
84, 57.390, 128.602



Tritanomaly
87, 55.599, 165.973

Monochromacy



Original Color
88, 106.427, 140.496



Achromatopsia
68, 0.008, 296.813



Achromatomaly
73, 46.846, 148.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 106.394, 140.476 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(22, 255, 77)` looks like.

```
.text, #text, p{  
    color:rgb(22, 255, 77)  
}
```

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(22, 255, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 255, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 106.394, 140.476 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(22, 255, 77) }
```

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

```
.border{ border-color:rgb(22, 255, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 255, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 255, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 255, 77);  
box-shadow:4px 4px 4px 4px rgb(22, 255,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 106.394, 140.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 255, 77) }
```

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

```
.background{ background-color: rgb(22, 255,  
77) }
```

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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