

Converting Colors

CIELCh(88, 94.471, 146.331)

Have a look what the booklet for
CIELCh(88, 94.471, 146.331)
contains.

CIELCh(88, 94.375, 146.240)	3
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Color

CIELCh(88, 94.375, 146.240)

Conversions

Conversions Part 1

Format	Color
Hex	00FE72
RGB	0, 254, 114
RGB Percent	0%, 100%, 45%
CMY	1.0000, 0.0041, 0.5531
CMYK	1.00, 0.00, 0.55, 0.00
HSL	147°, 100%, 50%
HSV	147°, 100%, 100%
XYZ	38.4576, 72.0653, 27.7903
YIQ	162.0940, -106.4440, -97.3880

Conversions

Conversions Part 2

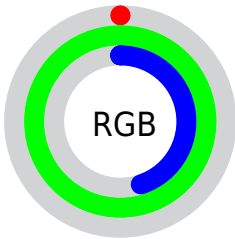
Format	Color
RYB	0, 175, 254
Decimal	65138
CIELab	88.00, -78.46, 52.45
CIELCh	88, 94.375, 146.240
Yxy	72.0653, 0.2780, 0.5210
Android (android.graphics.Color)	4278255218 (0xFF00FE72)
YUV	162.0940, -23.7103, -142.1564
Hunter-Lab	84.8913, -67.6953, 40.0145

Details

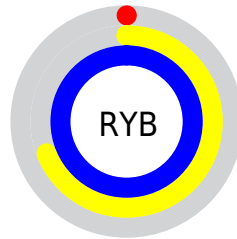
The CIELCh color **88, 94.375, 146.240** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **55, 85.295, 358.027**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 63.920, 152.098**, and **69, 86.791, 141.246** is the 20% darker color. If you saturate the color by 10%, you get **88, 94.369, 146.237**, and if you desaturate by 10%, it is **88, 88.654, 148.484**.

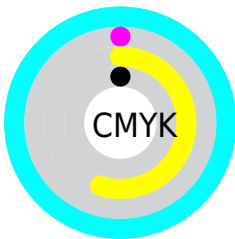
Distribution



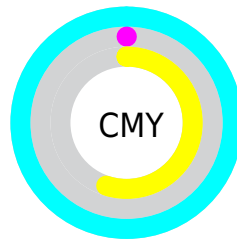
- Red (0%)
- Green (100%)
- Blue (45%)



- Red (0%)
- Yellow (69%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (100%)
- Magenta (0%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 94.375, 146.240 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, 94.375, 146.240 by changing the saturation by 10% instead.


 88, 94.375,
146.240


 88, 94.375,
146.240


 100, 94.375,
146.240

 78, 94.375,
146.240

 68, 94.375,
146.240

 58, 94.375,
146.240

 48, 94.375,
146.240

 38, 94.375,
146.240

 28, 94.375,
146.240


 18, 94.375,

146.240


 8, 94.375, 146.240


 0, 94.375, 146.240

 88, 94.375,
146.240


 88, 94.375,
146.240

 88, 94.369,
146.237

 88, 88.654,
148.484


 89, 81.975,
150.616


 89, 74.212,
152.547


 90, 65.409,
154.264


 91, 55.691,

155.774

 92, 45.240,
157.098

 94, 34.256,
158.262

 96, 22.939,
159.291

 98, 11.468,
160.218

Harmonies

Complementary

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



88, 94.375, 146.240



55, 85.295, 358.027

Rectangle

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



88, 94.375, 146.240



88, 94.375, 196.240



88, 94.375, 326.240



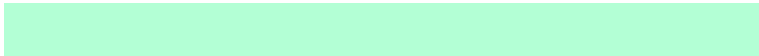
88, 94.375, 16.240

Sweetspot

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



88, 94.369, 146.237



94, 34.370, 158.261



90, 106.695, 125.987



50, 23.370, 157.788



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, 94.369, 146.237



88, 94.674, 146.231



90, 53.019, 186.507



52, 6.541, 160.262



68, 75.565, 146.655



23, 32.524, 149.851

Inverse Universe

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



55, 85.295, 358.027



55, 85.558, 358.036



53, 101.610, 38.081



50, 6.609, 341.711



41, 69.074, 357.320



11, 32.444, 352.531

Previews

White Background



This preview shows how the CIE LCh color 88, 94.375, 146.240 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, 94.375, 146.240 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, 94.375, 146.240

Background



This preview shows how black text looks on a background with the CIELCh color 88, 94.375, 146.240.

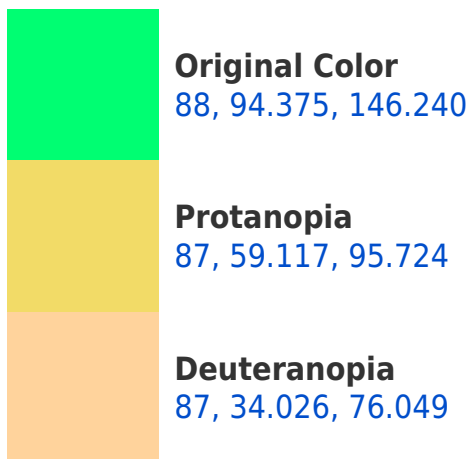


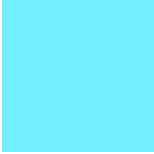
This preview shows how white text looks on a background with the CIELCh color 88, 94.375, 146.240.

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](#).

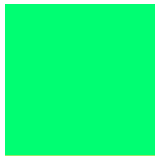
Dichromacy





Tritanopia
88, 34.780, 213.219

Trichromacy



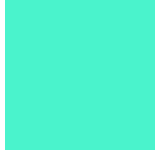
Original Color
88, 94.375, 146.240



Protanomaly
85, 69.463, 130.726



Deuteranomaly
84, 50.795, 135.481



Tritanomaly
87, 52.248, 172.985

Monochromacy



Original Color
88, 94.375, 146.240



Achromatopsia
67, 0.008, 296.813



Achromatomaly
72, 42.390, 156.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 94.375, 146.240 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(0, 254, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 114)  
}
```

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(0, 254, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 94.375, 146.240 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(0, 254, 114) }
```

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

```
.border{ border-color:rgb(0, 254, 114) }
```

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

Here you see how a box with a 4 pixel rgb(0, 254, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 94.375, 146.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 254, 114) }
```

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

```
.background{ background-color: rgb(0, 254,  
114) }
```

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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