

Converting Colors

CIELCh(88, 90.263, 148.397)

Have a look what the booklet for
CIELCh(88, 90.263, 148.397)
contains.

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Color

CIELCh(88, 90.411, 148.266)

Conversions

Conversions Part 1

Format	Color
Hex	00FE7D
RGB	0, 254, 125
RGB Percent	0%, 100%, 49%
CMY	1.0000, 0.0056, 0.5113
CMYK	1.00, 0.00, 0.51, 0.01
HSL	149°, 100%, 50%
HSV	149°, 100%, 99%
XYZ	38.9483, 72.0653, 31.1304
YIQ	163.3480, -109.9750, -93.9670

Conversions

Conversions Part 2

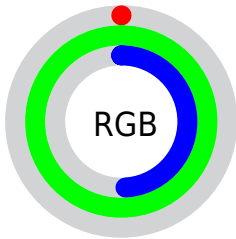
Format	Color
RYB	0, 170, 254
Decimal	65149
CIELab	88.00, -76.89, 47.55
CIELCh	88, 90.411, 148.266
Yxy	72.0653, 0.2740, 0.5070
Android (android.graphics.Color)	4278255229 (0xFF00FE7D)
YUV	163.3480, -18.9056, -143.2562
Hunter-Lab	84.8913, -66.6635, 37.6817

Details

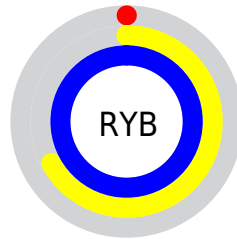
The CIELCh color **88, 90.411, 148.266** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **55, 84.375, 2.098**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 59.770, 155.672**, and **69, 82.811, 143.311** is the 20% darker color. If you saturate the color by 10%, you get **88, 90.356, 148.235**, and if you desaturate by 10%, it is **88, 84.943, 150.520**.

Distribution



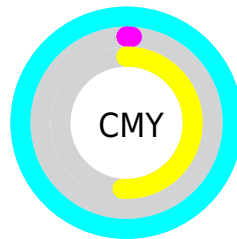
- Red (0%)
- Green (100%)
- Blue (49%)



- Red (0%)
- Yellow (67%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (1%)





- Cyan (100%)
- Magenta (1%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 90.411, 148.266 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, 90.411, 148.266 by changing the saturation by 10% instead.

 88, 90.411,
148.266

 88, 90.411,
148.266

 100, 90.411,
148.266


 78, 90.411,
148.266

 68, 90.411,
148.266

 58, 90.411,
148.266

 48, 90.411,
148.266

 38, 90.411,
148.266

 28, 90.411,
148.266


 18, 90.411,


148.266


 8, 90.411, 148.266


 0, 90.411, 148.266

 88, 90.411,
148.266


 88, 90.411,
148.266

 88, 90.356,
148.235

 88, 84.943,
150.520

 89, 78.630,
152.673

 89, 71.275,
154.618

 90, 62.905,
156.345

 91, 53.634,

157.867

■ 92, 43.629,
159.206

■ 94, 33.080,
160.389

■ 96, 22.180,
161.441

■ 97, 11.102,
162.395

Harmonies

Complementary

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



88, 90.411, 148.266



55, 84.375, 2.098

Rectangle

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



88, 90.411, 148.266



88, 90.411, 198.266



88, 90.411, 328.266



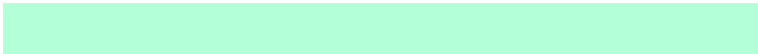
88, 90.411, 18.266

Sweetspot

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



88, 90.356, 148.235



94, 33.230, 160.388



90, 108.374, 127.803



50, 22.582, 159.906



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, 90.356, 148.235



88, 90.754, 148.228



91, 50.544, 193.811



52, 6.340, 162.441



68, 72.445, 148.658



23, 31.231, 151.887

Inverse Universe

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



55, 84.375, 2.098



55, 84.732, 2.112



53, 103.471, 39.538



50, 6.419, 343.945



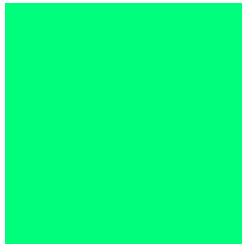
41, 68.346, 1.300



10, 31.952, 355.834

Previews

White Background



This preview shows how the CIE LCh color 88, 90.411, 148.266 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, 90.411, 148.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

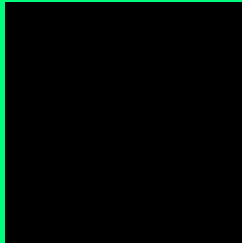
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 90.411, 148.266

Background



This preview shows how black text looks on a background with the CIELCh color 88, 90.411, 148.266.

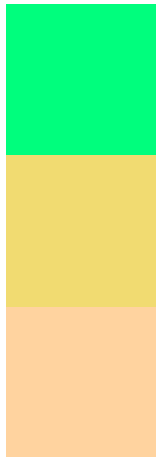


This preview shows how white text looks on a background with the CIELCh color 88, 90.411, 148.266.

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, 90.411, 148.266

Protanopia

87, 54.512, 95.835

Deuteranopia

87, 32.678, 74.857



Tritanopia
88, 34.968, 213.121

Trichromacy



Original Color
88, 90.411, 148.266



Protanomaly
85, 65.522, 132.821



Deuteranomaly
84, 48.006, 136.873

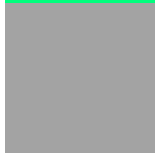


Tritanomaly
87, 51.209, 175.070

Monochromacy



Original Color
88, 90.411, 148.266



Achromatopsia
67, 0.008, 296.813



Achromatomaly
73, 41.218, 158.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 90.411, 148.266 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 254, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 254, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 90.411, 148.266 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, 125) }
```

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

```
.border{ border-color:rgb(0, 254, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 254, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 254, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 254,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 90.411, 148.266 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, 125) }
```

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

```
.background{ background-color: rgb(0, 254,  
125) }
```

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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