

Converting Colors

CIELCh(88, 86.687, 148.711)

Have a look what the booklet for
CIELCh(88, 86.687, 148.711)
contains.

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Color

CIELCh(88, 86.843, 148.643)

Conversions

Conversions Part 1

Format	Color
Hex	25FD82
RGB	37, 253, 130
RGB Percent	15%, 99%, 51%
CMY	0.8538, 0.0090, 0.4912
CMYK	0.85, 0.00, 0.49, 0.01
HSL	146°, 98%, 57%
HSV	146°, 85%, 99%
XYZ	39.8154, 72.0653, 32.8360
YIQ	174.3940, -89.2530, -84.0450

Conversions

Conversions Part 2

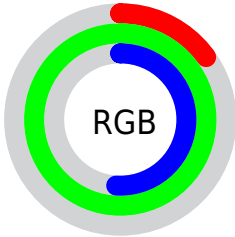
Format	Color
RYB	37, 188, 253
Decimal	2489730
CIELab	88.00, -74.16, 45.19
CIELCh	88, 86.843, 148.643
Yxy	72.0653, 0.2751, 0.4980
Android (android.graphics.Color)	4280679810 (0xFF25FD82)
YUV	174.3940, -21.8862, -120.4945
Hunter-Lab	84.8913, -64.8403, 36.4905

Details

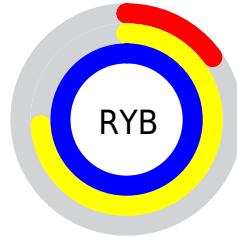
The CIELCh color **88, 86.843, 148.643** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **57, 83.747, 351.534**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 56.441, 156.387**, and **69, 80.225, 144.566** is the 20% darker color. If you saturate the color by 10%, you get **88, 93.082, 146.443**, and if you desaturate by 10%, it is **89, 79.515, 150.671**.

Distribution



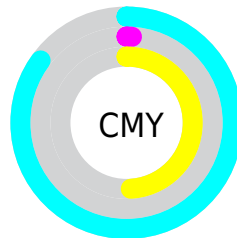
- Red (15%)
- Green (99%)
- Blue (51%)



- Red (15%)
- Yellow (74%)
- Blue (99%)



- Cyan (85%)
- Magenta (0%)
- Yellow (49%)
- Black (1%)



- Cyan (85%)
- Magenta (1%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 86.843, 148.643 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, 86.843, 148.643 by changing the saturation by 10% instead.


 88, 86.843,
148.643

 88, 86.843,
148.643

 100, 86.843,
148.643

 78, 86.843,
148.643


 68, 86.843,
148.643

 58, 86.843,
148.643

 48, 86.843,
148.643

 38, 86.843,
148.643

 28, 86.843,
148.643

 18, 86.843,

148.643


 8, 86.843, 148.643


 0, 86.843, 148.643

 88, 86.843,
148.643


 88, 86.843,
148.643


 88, 93.082,
146.443

 89, 79.515,
150.671

 88, 95.752,
145.392

 89, 71.096,
152.490

 90, 61.680,
154.099

 91, 51.430,
155.510

 93, 40.545,

156.745

■ 94, 29.232,
157.831

■ 96, 17.683,
158.794

■ 98, 6.066, 159.689

■ 99, 1.433, 324.276

Harmonies

Complementary

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



88, 86.843, 148.643



57, 83.747, 351.534

Rectangle

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



88, 86.843, 148.643



88, 86.843, 198.643



88, 86.843, 328.643



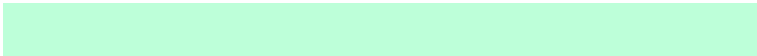
88, 86.843, 18.643

Sweetspot

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



88, 86.843, 148.643



95, 30.316, 157.752



91, 99.551, 123.778



50, 20.513, 157.388



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, 86.843, 148.643



88, 96.434, 145.381



90, 51.765, 185.726



52, 6.636, 159.306



68, 76.969, 145.799



23, 33.113, 148.973

Inverse Universe

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



57, 83.747, 351.534



55, 86.102, 356.217



54, 89.270, 31.318



50, 6.699, 340.730



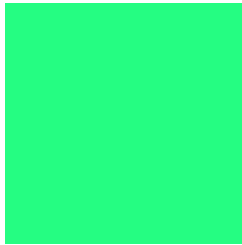
42, 69.534, 355.546



11, 32.710, 351.068

Previews

White Background



This preview shows how the CIELCh color 88, 86.843, 148.643 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, 86.843, 148.643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

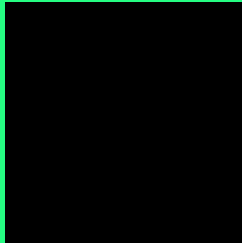
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 86.843, 148.643

Background



This preview shows how black text looks on a background with the CIELCh color 88, 86.843, 148.643.

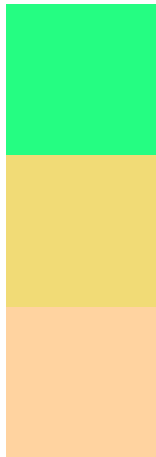


This preview shows how white text looks on a background with the CIELCh color 88, 86.843, 148.643.

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, 86.900, 148.676

Protanopia

87, 52.191, 95.640

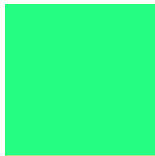
Deuteranopia

87, 32.232, 74.435



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 86.900, 148.676



Protanomaly
85, 60.526, 129.845



Deuteranomaly
85, 44.163, 132.501

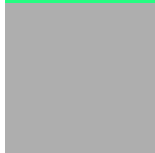


Tritanomaly
87, 48.932, 174.862

Monochromacy



Original Color
88, 86.900, 148.676



Achromatopsia
71, 0.009, 296.813



Achromatomaly
76, 37.320, 156.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 86.843, 148.643 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(37, 253, 130)` looks like.

```
.text, #text, p{  
    color:rgb(37, 253, 130)  
}
```

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(37, 253, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 253, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 86.843, 148.643 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(37, 253, 130) }
```

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

```
.border{ border-color:rgb(37, 253, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 253, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 253, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 253, 130);  
box-shadow:4px 4px 4px 4px rgb(37, 253,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 86.843, 148.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 253, 130) }
```

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

```
.background{ background-color: rgb(37, 253,  
130) }
```

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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