

Converting Colors

CIELCh(88, 87.474, 149.644)

Have a look what the booklet for
CIELCh(88, 87.474, 149.644)
contains.

| | |
|--|----|
| CIELCh(88, 87.277, 149.723) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(88, 87.277, 149.723)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 06FD84 |
| RGB | 6, 253, 132 |
| RGB Percent | 2%, 99%, 52% |
| CMY | 0.9761, 0.0072, 0.4818 |
| CMYK | 0.98, 0.00, 0.48, 0.01 |
| HSL | 151°, 99%, 51% |
| HSV | 151°, 98%, 99% |
| XYZ | 39.4292, 72.0653, 33.7156 |
| YIQ | 165.3530, -108.3710, -89.9950 |

Conversions

Conversions Part 2

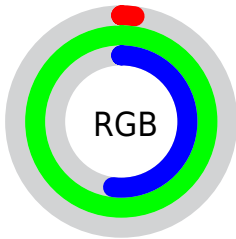
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 6, 170, 253 |
| Decimal | 458116 |
| CIELab | 88.00, -75.37, 44.00 |
| CIELCh | 88, 87.277, 149.723 |
| Yxy | 72.0653, 0.2715, 0.4963 |
| Android (android.graphics.Color) | 4278648196 (0xFF06FD84) |
| YUV | 165.3530, -16.4430, -139.7526 |
| Hunter-Lab | 84.8913, -65.6523, 35.8762 |

Details

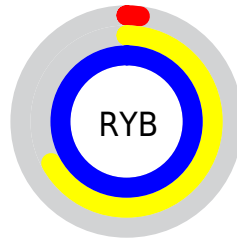
The CIELCh color **88, 87.277, 149.723** is a dark color, and the websafe version is hex **00FF99**. The color can be described as dark saturated spring green. A complement of this color would be **55, 83.800, 2.872**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 57.198, 158.197**, and **69, 79.500, 144.979** is the 20% darker color. If you saturate the color by 10%, you get **88, 88.502, 149.178**, and if you desaturate by 10%, it is **88, 81.857, 152.011**.

Distribution



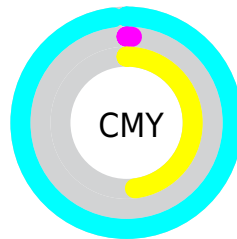
- Red (2%)
- Green (99%)
- Blue (52%)



- Red (2%)
- Yellow (67%)
- Blue (99%)



- Cyan (98%)
- Magenta (0%)
- Yellow (48%)
- Black (1%)




- Cyan (98%)
- Magenta (1%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 87.277, 149.723 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, 87.277, 149.723 by changing the saturation by 10% instead.

 88, 87.277,
149.723

 88, 87.277,
149.723


 100, 87.277,
149.723

 78, 87.277,
149.723

 68, 87.277,
149.723

 58, 87.277,
149.723

 48, 87.277,
149.723

 38, 87.277,
149.723

 28, 87.277,
149.723

 18, 87.277,

149.723

■ 8, 87.277, 149.723

■ 0, 87.277, 149.723

■ 88, 87.277,
149.723

■ 88, 87.277,
149.723

■ 88, 88.502,
149.178

■ 88, 81.857,
152.011

■ 89, 75.476,
154.121

■ 89, 68.065,
156.015

■ 90, 59.667,
157.693

■ 91, 50.407,

159.173

■ 93, 40.455,
160.478

■ 94, 29.999,
161.634

■ 96, 19.226,
162.668

■ 98, 8.302, 163.622

Harmonies

Complementary

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



88, 87.277, 149.723



55, 83.800, 2.872

Rectangle

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



88, 87.277, 149.723



88, 87.277, 199.723



88, 87.277, 329.723



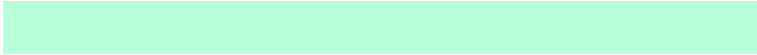
88, 87.277, 19.723

Sweetspot

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



88, 87.277, 149.723



95, 31.678, 161.478



89, 108.008, 128.077



50, 21.649, 160.993



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, 87.277, 149.723



89, 89.003, 149.169



91, 49.719, 196.393



52, 6.255, 163.441



68, 71.055, 149.602



23, 30.660, 152.837

Inverse Universe

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



55, 83.800, 2.872



55, 84.532, 3.941



53, 102.776, 39.509



50, 6.339, 344.968



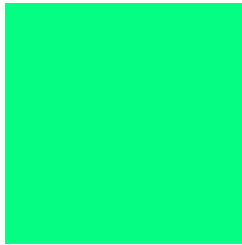
41, 68.150, 3.089



10, 31.776, 357.331

Previews

White Background



This preview shows how the CIE LCh color 88, 87.277, 149.723 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, 87.277, 149.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

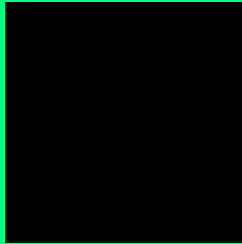
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 87.277, 149.723

Background



This preview shows how black text looks on a background with the CIELCh color 88, 87.277, 149.723.

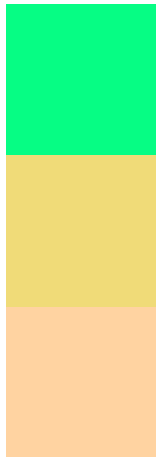


This preview shows how white text looks on a background with the CIELCh color 88, 87.277, 149.723.

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, 87.257, 149.712

Protanopia
87, 51.172, 96.013

Deuteranopia
87, 31.787, 74.000



Tritanopia
88, 34.968, 213.121

Trichromacy



Original Color
88, 87.257, 149.712



Protanomaly
85, 61.682, 133.675



Deuteranomaly
84, 45.426, 137.746



Tritanomaly
87, 50.380, 176.031

Monochromacy



Original Color
88, 87.257, 149.712



Achromatopsia
68, 0.008, 296.813



Achromatomaly
73, 39.626, 159.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 87.277, 149.723 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, 253, 132)` looks like.

```
.text, #text, p{  
    color:rgb(6, 253, 132)  
}
```

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, 253, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 253, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 87.277, 149.723 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, 253, 132) }
```

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

```
.border{ border-color:rgb(6, 253, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 253, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 253, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 253, 132);  
box-shadow:4px 4px 4px 4px rgb(6, 253,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 87.277, 149.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 253, 132) }
```

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

```
.background{ background-color: rgb(6, 253,  
132) }
```

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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