

Converting Colors

CIELCh(88, 105.546, 141.244)

Have a look what the booklet for
CIELCh(88, 105.546, 141.244)
contains.

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Color

CIELCh(88, 105.646, 141.216)

Conversions

Conversions Part 1

Format	Color
Hex	04FF51
RGB	4, 255, 81
RGB Percent	2%, 100%, 32%
CMY	0.9836, 0.0004, 0.6828
CMYK	0.98, 0.00, 0.68, 0.00
HSL	138°, 100%, 51%
HSV	138°, 98%, 100%
XYZ	37.2562, 72.0653, 19.7089
YIQ	160.1150, -93.7420, -107.3260

Conversions

Conversions Part 2

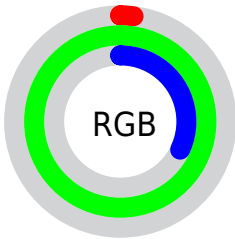
Format	Color
RYB	4, 196, 255
Decimal	327505
CIELab	88.00, -82.35, 66.18
CIELCh	88, 105.646, 141.216
Yxy	72.0653, 0.2887, 0.5585
Android (android.graphics.Color)	4278517585 (0xFF04FF51)
YUV	160.1150, -39.0037, -136.9129
Hunter-Lab	84.8913, -70.2214, 45.6587

Details

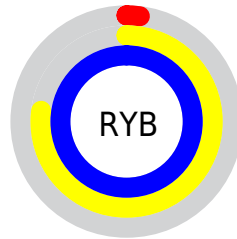
The CIELCh color **88, 105.646, 141.216** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated green. A complement of this color would be **57, 91.587, 345.439**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 75.605, 143.815**, and **69, 97.706, 136.247** is the 20% darker color. If you saturate the color by 10%, you get **88, 106.586, 140.912**, and if you desaturate by 10%, it is **88, 99.297, 143.203**.

Distribution



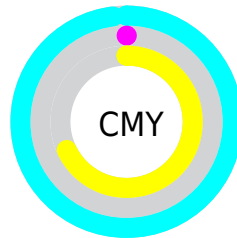
- Red (2%)
- Green (100%)
- Blue (32%)



- Red (2%)
- Yellow (77%)
- Blue (100%)



- Cyan (98%)
- Magenta (0%)
- Yellow (68%)
- Black (0%)





- Cyan (98%)
- Magenta (0%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 105.646, 141.216 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, 105.646, 141.216 by changing the saturation by 10% instead.


 88, 105.646,
141.216


 88, 105.646,
141.216


 100, 105.646,
141.216


 78, 105.646,
141.216


 68, 105.646,
141.216

 58, 105.646,
141.216


 48, 105.646,
141.216


 38, 105.646,
141.216


 28, 105.646,
141.216


 18, 105.646,


141.216


 8, 105.646,
141.216


 0, 105.646,
141.216


 88, 105.646,
141.216


 88, 105.646,
141.216

 88, 106.586,
140.912

 88, 99.297,
143.203

 89, 91.553,
145.136

 89, 82.461,
146.921

 90, 72.167,
148.521

■ 91, 60.883,
149.930

■ 93, 48.853,
151.158

■ 94, 36.328,
152.223

■ 96, 23.538,
153.151

■ 98, 10.678,
153.974

Harmonies

Complementary

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



88, 105.646, 141.216



57, 91.587, 345.439

Rectangle

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



88, 105.646, 141.216



88, 105.646, 191.216



88, 105.646, 321.216



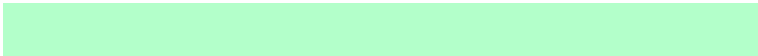
88, 105.646, 11.216

Sweetspot

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



88, 105.646, 141.216



94, 38.422, 152.059



92, 101.927, 119.987



49, 26.157, 151.617



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, 105.646, 141.216



88, 106.622, 140.911



90, 62.110, 170.752



52, 7.270, 153.883



68, 85.156, 141.277



23, 36.687, 144.181

Inverse Universe

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



57, 91.587, 345.439



57, 91.615, 345.782



54, 92.853, 29.776



50, 7.309, 335.155



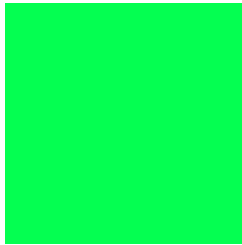
42, 74.035, 345.383



11, 34.889, 342.719

Previews

White Background



This preview shows how the CIELCh color 88, 105.646, 141.216 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, 105.646, 141.216 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, 105.646, 141.216

Background



This preview shows how black text looks on a background with the CIELCh color 88, 105.646, 141.216.



This preview shows how white text looks on a background with the CIELCh color 88, 105.646, 141.216.

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

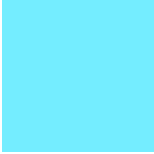
88, 105.665, 141.227

Protanopia

87, 72.357, 95.186

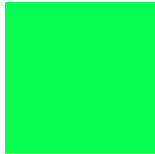
Deuteranopia

87, 36.758, 78.133



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 105.665, 141.227



Protanomaly
85, 81.075, 125.518



Deuteranomaly
84, 57.473, 130.938



Tritanomaly
87, 56.381, 166.993

Monochromacy



Original Color
88, 105.665, 141.227



Achromatopsia
66, 0.008, 296.813



Achromatomaly
72, 47.981, 150.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 105.646, 141.216 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(4, 255, 81)` looks like.

```
.text, #text, p{  
    color:rgb(4, 255, 81)  
}
```

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(4, 255, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 255, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 105.646, 141.216 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(4, 255, 81) }
```

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

```
.border{ border-color:rgb(4, 255, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 255, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 255, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 255, 81);  
box-shadow:4px 4px 4px 4px rgb(4, 255, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 105.646, 141.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 255, 81) }
```

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

```
.background{ background-color: rgb(4, 255,  
81) }
```

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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