

Converting Colors

CIELCh(88, 99.491, 143.749)

Have a look what the booklet for
CIELCh(88, 99.491, 143.749)
contains.

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Color

CIELCh(88, 99.453, 143.726)

Conversions

Conversions Part 1

Format	Color
Hex	08FE63
RGB	8, 254, 99
RGB Percent	3%, 100%, 39%
CMY	0.9672, 0.0025, 0.6105
CMYK	0.97, 0.00, 0.61, 0.00
HSL	142°, 99%, 52%
HSV	142°, 97%, 100%
XYZ	37.9241, 72.0653, 23.7957
YIQ	162.7760, -96.8610, -100.3570

Conversions

Conversions Part 2

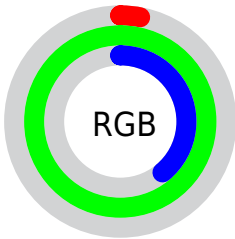
Format	Color
RYB	8, 188, 254
Decimal	589411
CIELab	88.00, -80.18, 58.84
CIELCh	88, 99.453, 143.726
Yxy	72.0653, 0.2835, 0.5387
Android (android.graphics.Color)	4278779491 (0xFF08FE63)
YUV	162.7760, -31.4416, -135.7386
Hunter-Lab	84.8913, -68.8170, 42.8044

Details

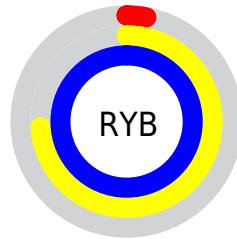
The CIELCh color **88, 99.453, 143.726** is a dark color, and the websafe version is hex **00FF66**. The color can be described as dark saturated spring green. A complement of this color would be **56, 88.152, 350.041**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 69.372, 147.617**, and **69, 91.469, 138.835** is the 20% darker color. If you saturate the color by 10%, you get **88, 101.362, 143.044**, and if you desaturate by 10%, it is **88, 93.037, 145.860**.

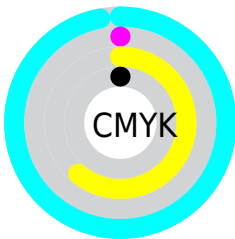
Distribution



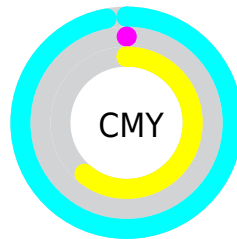
- Red (3%)
- Green (100%)
- Blue (39%)



- Red (3%)
- Yellow (74%)
- Blue (100%)



- Cyan (97%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)




- Cyan (97%)
- Magenta (0%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 99.453, 143.726 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, 99.453, 143.726 by changing the saturation by 10% instead.


 88, 99.453,
143.726


 88, 99.453,
143.726

 100, 99.453,
143.726


 78, 99.453,
143.726

 68, 99.453,
143.726

 58, 99.453,
143.726

 48, 99.453,
143.726

 38, 99.453,
143.726


 28, 99.453,
143.726

 18, 99.453,


143.726


 8, 99.453, 143.726


 0, 99.453, 143.726

 88, 99.453,
143.726


 88, 99.453,
143.726

 88, 101.362,
143.044

 88, 93.037,
145.860

 89, 85.413,
147.862

 89, 76.599,
149.677

 90, 66.708,
151.288

 91, 55.922,

152.700

■ 93, 44.458,
153.932

■ 94, 32.542,
155.007

■ 96, 20.383,
155.952

■ 98, 8.160, 156.806

Harmonies

Complementary

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



88, 99.453, 143.726



56, 88.152, 350.041

Rectangle

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



88, 99.453, 143.726



88, 99.453, 193.726



88, 99.453, 323.726



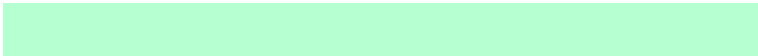
88, 99.453, 13.726

Sweetspot

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



88, 99.453, 143.726



94, 35.368, 154.774



91, 103.467, 122.860



50, 24.210, 154.319



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, 99.453, 143.726



88, 101.564, 143.041



90, 56.809, 178.339



52, 6.934, 156.571



68, 81.076, 143.439



23, 34.870, 146.512

Inverse Universe

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



56, 88.152, 350.041



56, 88.336, 350.954



53, 95.795, 33.519



50, 6.984, 337.919



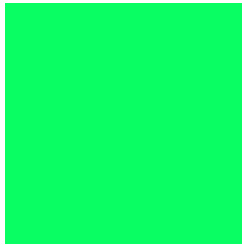
42, 71.380, 350.419



11, 33.659, 346.855

Previews

White Background



This preview shows how the CIE LCh color 88, 99.453, 143.726 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, 99.453, 143.726 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, 99.453, 143.726

Background



This preview shows how black text looks on a background with the CIELCh color 88, 99.453, 143.726.

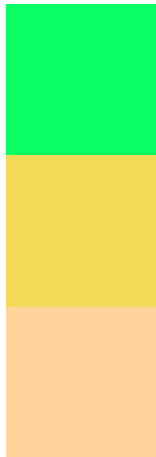


This preview shows how white text looks on a background with the CIELCh color 88, 99.453, 143.726.

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, 99.414, 143.704

Protanopia
87, 65.209, 95.643

Deuteranopia
87, 35.387, 77.137



Tritanopia
88, 34.780, 213.219

Trichromacy



Original Color
88, 99.414, 143.704



Protanomaly
85, 74.370, 127.550



Deuteranomaly
84, 53.793, 132.432

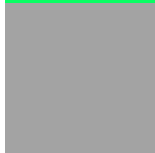


Tritanomaly
87, 53.692, 169.914

Monochromacy



Original Color
88, 99.414, 143.704



Achromatopsia
67, 0.008, 296.813



Achromatomaly
73, 44.080, 153.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 99.453, 143.726 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(8, 254, 99)` looks like.

```
.text, #text, p{  
    color:rgb(8, 254, 99)  
}
```

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(8, 254, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 254, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 99.453, 143.726 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(8, 254, 99) }
```

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

```
.border{ border-color:rgb(8, 254, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 254, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 254, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 254, 99);  
box-shadow:4px 4px 4px 4px rgb(8, 254, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 88, 99.453, 143.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 254, 99) }
```

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

```
.background{ background-color: rgb(8, 254,  
99) }
```

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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