

Converting Colors

CIELCh(89, 88.524, 139.405)

Have a look what the booklet for
CIELCh(89, 88.524, 139.405)
contains.

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Color

CIELCh(89, 88.623, 139.488)

Conversions

Conversions Part 1

Format	Color
Hex	69FD6A
RGB	105, 253, 106
RGB Percent	41%, 99%, 42%
CMY	0.5890, 0.0085, 0.5849
CMYK	0.59, 0.00, 0.58, 0.01
HSL	120°, 97%, 70%
HSV	120°, 59%, 99%
XYZ	43.4627, 74.1641, 25.6150
YIQ	191.9900, -41.0210, -77.0930

Conversions

Conversions Part 2

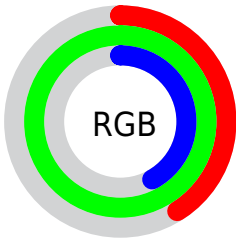
Format	Color
RYB	105, 252, 253
Decimal	6946154
CIELab	89.00, -67.38, 57.57
CIELCh	89, 88.623, 139.488
Yxy	74.1641, 0.3034, 0.5178
Android (android.graphics.Color)	4285136234 (0xFF69FD6A)
YUV	191.9900, -42.3931, -76.2902
Hunter-Lab	86.1186, -60.6214, 42.6479

Details

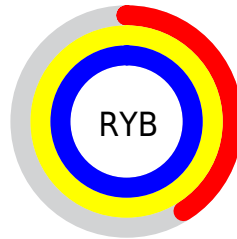
The CIELCh color **89, 88.623, 139.488** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **68, 87.684, 327.624**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 57.284, 139.966**, and **69, 88.467, 139.532** is the 20% darker color. If you saturate the color by 10%, you get **88, 100.253, 138.331**, and if you desaturate by 10%, it is **90, 75.182, 140.633**.

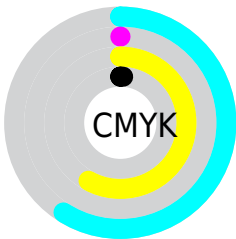
Distribution



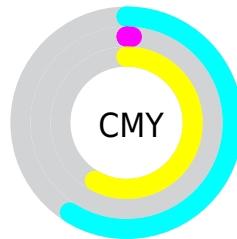
- Red (41%)
- Green (99%)
- Blue (42%)



- Red (41%)
- Yellow (99%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (58%)
- Black (1%)



- Cyan (59%)
- Magenta (1%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 88.623, 139.488 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 89, 88.623, 139.488 by changing the saturation by 10% instead.

 89, 88.623,
139.488

 89, 88.623,
139.488

 100, 88.623,
139.488

 79, 88.623,
139.488

 69, 88.623,
139.488

 59, 88.623,
139.488

 49, 88.623,
139.488

 39, 88.623,
139.488

 29, 88.623,
139.488

 19, 88.623,


139.488


 9, 88.623, 139.488


 0, 88.623, 139.488


 89, 88.623,
139.488


 89, 88.623,
139.488


 88, 100.253,
138.331


 90, 75.182,
140.633

 88, 109.432,
137.286


 91, 60.506,
141.691

 87, 115.589,
136.505

 93, 45.079,
142.630

 87, 118.595,
136.093

 95, 29.288,
143.443

 87, 118.890,

 97, 13.431,

136.055

144.146

99, 1.360, 324.262

Harmonies

Complementary

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



89, 88.623, 139.488



68, 87.684, 327.624

Rectangle

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



89, 88.623, 139.488



89, 88.623, 189.488



89, 88.623, 319.488



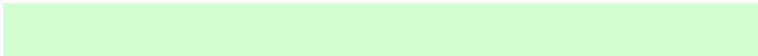
89, 88.623, 9.488

Sweetspot

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



89, 88.624, 139.488



96, 28.615, 143.484



97, 71.271, 104.694



51, 19.896, 143.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 88.624, 139.488



89, 102.448, 138.166



90, 60.998, 157.015



52, 9.000, 144.082



68, 96.346, 136.071



22, 43.670, 136.907

Inverse Universe

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



68, 87.684, 327.624



65, 100.466, 328.018



65, 64.432, 350.525



50, 9.014, 325.135



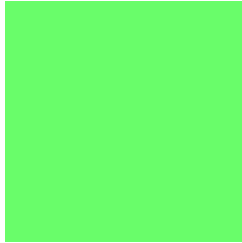
45, 92.571, 328.514



12, 42.615, 328.480

Previews

White Background



This preview shows how the CIE LCh color 89, 88.623, 139.488 looks on a white background.

Color Contrast Check

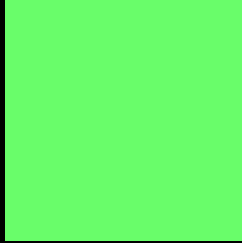
Large Text (above 18pt) WCAG AA × Fail

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 89, 88.623, 139.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

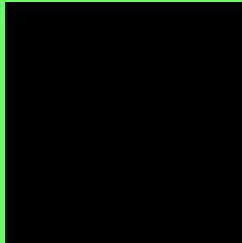
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

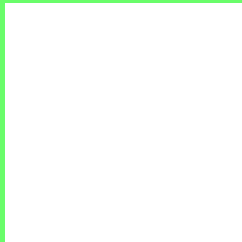
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 88.623, 139.488

Background



This preview shows how black text looks on a background with the CIELCh color 89, 88.623, 139.488.

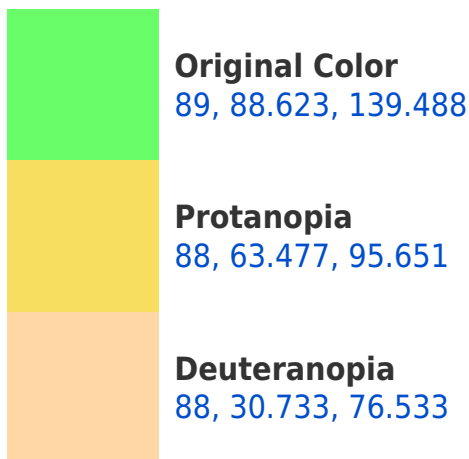



This preview shows how white text looks on a background with the CIELCh color 89, 88.623, 139.488.

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



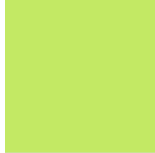


Tritanopia
89, 28.702, 217.022

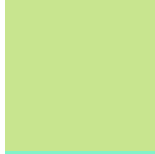
Trichromacy



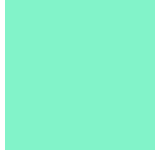
Original Color
89, 88.623, 139.488



Protanomaly
87, 67.270, 118.078



Deuteranomaly
87, 45.351, 121.126

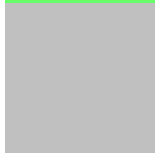


Tritanomaly
88, 43.181, 166.151

Monochromacy



Original Color
89, 88.623, 139.488



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 34.554, 143.236

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 88.623, 139.488 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(105, 253, 106)` looks like.

```
.text, #text, p{  
    color:rgb(105, 253, 106)  
}
```

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(105, 253, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 253, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 88.623, 139.488 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(105, 253, 106) }
```

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

```
.border{ border-color:rgb(105, 253, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 253, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 253, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 253, 106);  
box-shadow:4px 4px 4px 4px rgb(105, 253,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 88.623, 139.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 253, 106) }
```

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

```
.background{ background-color: rgb(105,  
253, 106) }
```

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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