

Converting Colors

CIELCh(100, 108.890, 138.459)

Have a look what the booklet for
CIELCh(100, 108.890, 138.459)
contains.

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Color

CIELCh(89, 92.411, 139.060)

Conversions

Conversions Part 1

Format	Color
Hex	62FE63
RGB	98, 254, 99
RGB Percent	38%, 100%, 39%
CMY	0.6140, 0.0054, 0.6128
CMYK	0.61, 0.00, 0.61, 0.01
HSL	120°, 98%, 69%
HSV	120°, 61%, 99%
XYZ	42.6455, 74.1641, 23.8024
YIQ	189.6860, -43.2210, -81.2770

Conversions

Conversions Part 2

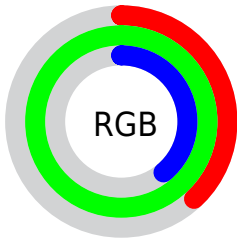
Format	Color
RYB	98, 253, 254
Decimal	6487651
CIELab	89.00, -69.81, 60.55
CIELCh	89, 92.411, 139.060
Yxy	74.1641, 0.3033, 0.5274
Android (android.graphics.Color)	4284677731 (0xFF62FE63)
YUV	189.6860, -44.7082, -80.4086
Hunter-Lab	86.1186, -62.3151, 43.8958

Details

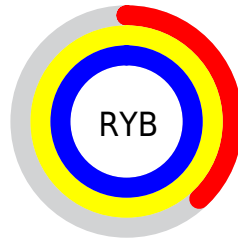
The CIELCh color **89, 92.411, 139.060** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 91.301, 327.570**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 61.139, 139.384**, and **69, 92.131, 138.692** is the 20% darker color. If you saturate the color by 10%, you get **88, 103.473, 137.934**, and if you desaturate by 10%, it is **90, 79.338, 140.210**.

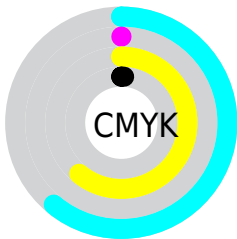
Distribution



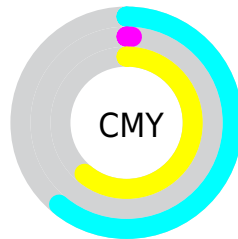
- Red (38%)
- Green (100%)
- Blue (39%)



- Red (38%)
- Yellow (99%)
- Blue (100%)



- Cyan (61%)
- Magenta (0%)
- Yellow (61%)
- Black (1%)




- Cyan (61%)
- Magenta (1%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 92.411, 139.060 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, 92.411, 139.060 by changing the saturation by 10% instead.


 89, 92.411,
139.060


 89, 92.411,
139.060


 100, 92.411,
139.060


 79, 92.411,
139.060

 69, 92.411,
139.060

 59, 92.411,
139.060

 49, 92.411,
139.060

 39, 92.411,
139.060


 29, 92.411,
139.060


 19, 92.411,


139.060


 9, 92.411, 139.060


 0, 92.411, 139.060


 89, 92.411,
139.060


 89, 92.411,
139.060

 88, 103.473,
137.934


 90, 79.338,
140.210


 88, 111.870,
136.968


 91, 64.864,
141.292

 87, 117.094,
136.312

 93, 49.507,
142.262

 87, 119.260,
136.027

 95, 33.687,
143.107

 97, 17.727,

143.835

99, 1.870, 144.593

100, 0.857,
324.111

Harmonies

Complementary

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



89, 92.411, 139.060



67, 91.301, 327.570

Rectangle

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



89, 92.411, 139.060



89, 92.411, 189.060



89, 92.411, 319.060



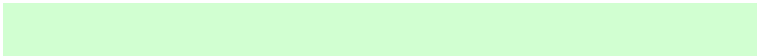
89, 92.411, 9.060

Sweetspot

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



89, 92.412, 139.061



96, 28.713, 143.351



97, 74.147, 104.491



51, 19.965, 143.129



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, 92.412, 139.061



89, 105.652, 137.741



90, 63.476, 156.585



52, 9.031, 143.948



68, 96.439, 136.031



22, 43.782, 136.813

Inverse Universe

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



67, 91.301, 327.570



64, 103.438, 327.937



64, 66.974, 351.020



50, 9.045, 324.999



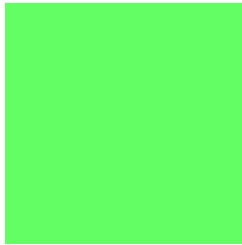
45, 92.939, 328.311



12, 42.764, 328.302

Previews

White Background



This preview shows how the CIE LCh color 89, 92.411, 139.060 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, 92.411, 139.060 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, 92.411, 139.060

Background



This preview shows how black text looks on a background with the CIELCh color 89, 92.411, 139.060.

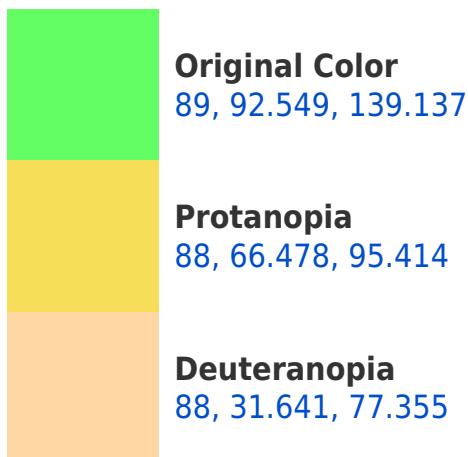


This preview shows how white text looks on a background with the CIELCh color 89, 92.411, 139.060.

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



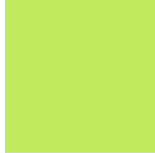


Tritanopia
89, 28.930, 216.851

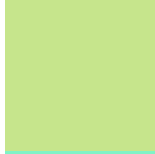
Trichromacy



Original Color
89, 92.549, 139.137



Protanomaly
87, 70.804, 118.190



Deuteranomaly
87, 46.985, 121.501

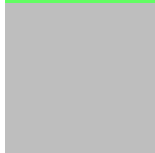


Tritanomaly
88, 44.813, 164.965

Monochromacy



Original Color
89, 92.549, 139.137



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 36.314, 142.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 92.411, 139.060 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(98, 254, 99)` looks like.

```
.text, #text, p{  
    color:rgb(98, 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(98, 254, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 254, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 92.411, 139.060 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(98, 254, 99) }
```

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

```
.border{ border-color:rgb(98, 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(98, 254, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 254, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 254, 99);  
box-shadow:4px 4px 4px 4px rgb(98, 254,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 92.411, 139.060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 254, 99) }
```

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

```
.background{ background-color: rgb(98, 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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