

Converting Colors

CIELCh(89, 94.300, 139.774)

Have a look what the booklet for
CIELCh(89, 94.300, 139.774)
contains.

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Color

CIELCh(89, 94.058, 139.852)

Conversions

Conversions Part 1

Format	Color
Hex	59FE62
RGB	89, 254, 98
RGB Percent	35%, 100%, 38%
CMY	0.6491, 0.0024, 0.6143
CMYK	0.65, 0.00, 0.61, 0.00
HSL	123°, 99%, 67%
HSV	123°, 65%, 100%
XYZ	41.9511, 74.1641, 23.7483
YIQ	186.8810, -48.2640, -83.4960

Conversions

Conversions Part 2

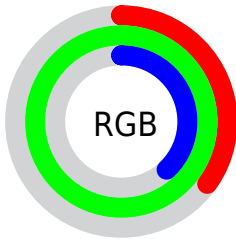
Format	Color
RYB	89, 245, 254
Decimal	5897826
CIELab	89.00, -71.90, 60.65
CIELCh	89, 94.058, 139.852
Yxy	74.1641, 0.2999, 0.5303
Android (android.graphics.Color)	4284087906 (0xFF59FE62)
YUV	186.8810, -43.8183, -85.8416
Hunter-Lab	86.1186, -63.7546, 43.9330

Details

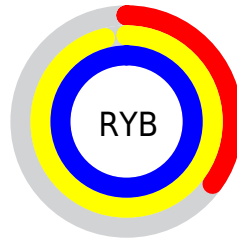
The CIELCh color **89, 94.058, 139.852** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **66, 92.249, 329.383**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 62.860, 140.721**, and **69, 92.372, 138.582** is the 20% darker color. If you saturate the color by 10%, you get **88, 104.406, 138.598**, and if you desaturate by 10%, it is **90, 81.762, 141.102**.

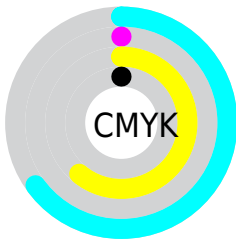
Distribution



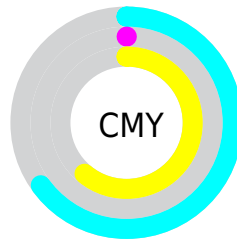
- Red (35%)
- Green (100%)
- Blue (38%)



- Red (35%)
- Yellow (96%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 94.058, 139.852 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, 94.058, 139.852 by changing the saturation by 10% instead.


 89, 94.058,
139.852

 89, 94.058,
139.852


 100, 94.058,
139.852


 79, 94.058,
139.852

 69, 94.058,
139.852

 59, 94.058,
139.852

 49, 94.058,
139.852

 39, 94.058,
139.852

 29, 94.058,
139.852


 19, 94.058,


139.852


 9, 94.058, 139.852


 0, 94.058, 139.852


 89, 94.058,
139.852


 89, 94.058,
139.852


 88, 104.406,
138.598


 90, 81.762,
141.102


 88, 112.264,
137.463

 91, 68.047,
142.267

 88, 117.228,
136.594

 93, 53.387,
143.307

 88, 118.689,
136.317

 94, 38.182,
144.213

 96, 22.756,

144.993

■ 99, 7.358, 145.681

100, 0.389,
323.659

Harmonies

Complementary

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



89, 94.058, 139.852



66, 92.249, 329.383

Rectangle

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



89, 94.058, 139.852



89, 94.058, 189.852



89, 94.058, 319.852



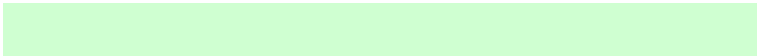
89, 94.058, 9.852

Sweetspot

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



89, 94.058, 139.852



96, 29.258, 144.681



97, 77.928, 106.724



50, 20.147, 144.456



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, 94.058, 139.852



88, 107.395, 138.217



90, 63.686, 158.644



52, 8.716, 145.365



68, 95.501, 136.433



22, 42.641, 137.802

Inverse Universe

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



66, 92.249, 329.383



62, 103.445, 329.895



63, 68.804, 355.231



50, 8.731, 326.435



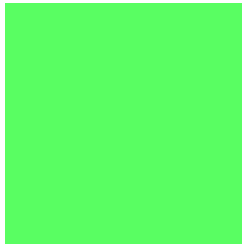
45, 89.222, 330.505



12, 41.256, 330.217

Previews

White Background



This preview shows how the CIE LCh color 89, 94.058, 139.852 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, 94.058, 139.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

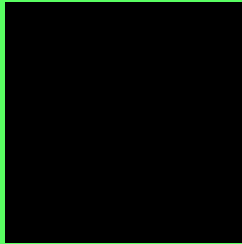
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

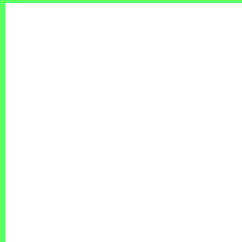
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 94.058, 139.852

Background



This preview shows how black text looks on a background with the CIELCh color 89, 94.058, 139.852.

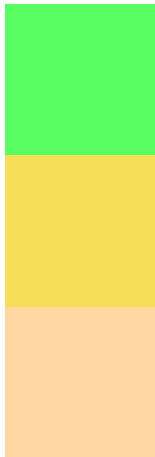


This preview shows how white text looks on a background with the CIELCh color 89, 94.058, 139.852.

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


89, 94.058, 139.852

Protanopia

88, 66.478, 95.414

Deuteranopia

88, 31.641, 77.355

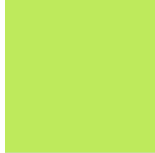


Tritanopia
89, 29.608, 216.361

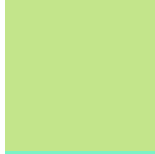
Trichromacy



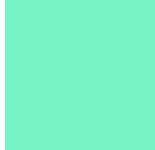
Original Color
89, 94.058, 139.852



Protanomaly
87, 71.515, 118.994



Deuteranomaly
87, 47.793, 122.642

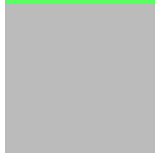


Tritanomaly
88, 45.869, 165.680

Monochromacy



Original Color
89, 94.058, 139.852



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 37.627, 143.831

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 94.058, 139.852 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(89, 254, 98)` looks like.

```
.text, #text, p{  
    color:rgb(89, 254, 98)  
}
```

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(89, 254, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 254, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 94.058, 139.852 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(89, 254, 98) }
```

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

```
.border{ border-color:rgb(89, 254, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 254, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 254, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 254, 98);  
box-shadow:4px 4px 4px 4px rgb(89, 254,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 94.058, 139.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 254, 98) }
```

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

```
.background{ background-color: rgb(89, 254,  
98) }
```

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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