

Converting Colors

CIELCh(89, 87.396, 141.812)

Have a look what the booklet for
CIELCh(89, 87.396, 141.812)
contains.

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Color

CIELCh(89, 87.119, 141.903)

Conversions

Conversions Part 1

Format	Color
Hex	5FFD72
RGB	95, 253, 114
RGB Percent	37%, 99%, 45%
CMY	0.6257, 0.0064, 0.5516
CMYK	0.62, 0.00, 0.55, 0.01
HSL	127°, 98%, 68%
HSV	127°, 62%, 99%
XYZ	43.0637, 74.1641, 28.0657
YIQ	189.9120, -49.5490, -76.7250

Conversions

Conversions Part 2

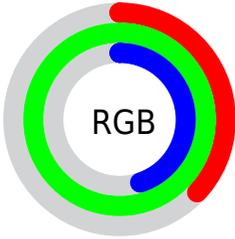
Format	Color
RYB	95, 236, 253
Decimal	6290802
CIELab	89.00, -68.56, 53.75
CIElCh	89, 87.119, 141.903
Yxy	74.1641, 0.2964, 0.5104
Android (android.graphics.Color)	4284480882 (0xFF5FFD72)
YUV	189.9120, -37.4246, -83.2378
Hunter-Lab	86.1186, -61.4484, 40.9606

Details

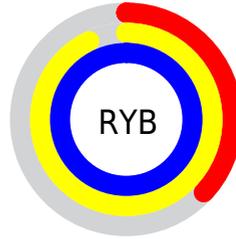
The CIELCh color **89, 87.119, 141.903** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **66, 85.494, 331.608**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 55.532, 144.215**, and **69, 86.349, 141.302** is the 20% darker color. If you saturate the color by 10%, you get **88, 97.895, 140.490**, and if you desaturate by 10%, it is **90, 74.818, 143.222**.

Distribution



- Red (37%)
- Green (99%)
- Blue (45%)



- Red (37%)
- Yellow (93%)
- Blue (99%)



- Cyan (62%)
- Magenta (0%)
- Yellow (55%)
- Black (1%)



- Cyan (63%)
- Magenta (1%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 87.119, 141.903 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, 87.119, 141.903 by changing the saturation by 10% instead.

 89, 87.119,
141.903

 89, 87.119,
141.903

 100, 87.119,
141.903

 79, 87.119,
141.903

 69, 87.119,
141.903

 59, 87.119,
141.903

 49, 87.119,
141.903

 39, 87.119,
141.903

 29, 87.119,
141.903

 19, 87.119,

141.903

 9, 87.119, 141.903

 0, 87.119, 141.903

 89, 87.119,
141.903

 89, 87.119,
141.903

 88, 97.895,
140.490

 90, 74.818,
143.222

 88, 106.724,
139.063

 91, 61.402,
144.406

 87, 113.231,
137.748

 93, 47.250,
145.441

 87, 116.556,
136.940

 95, 32.691,
146.336

 97, 17.995,

147.107

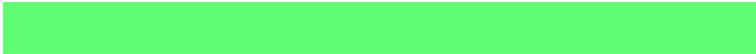
99, 3.375, 147.841

100, 1.017,
324.173

Harmonies

Complementary

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



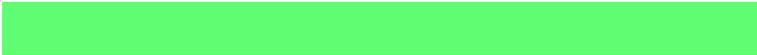
89, 87.119, 141.903



66, 85.494, 331.608

Rectangle

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



89, 87.119, 141.903



89, 87.119, 191.903



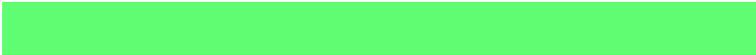
89, 87.119, 321.903



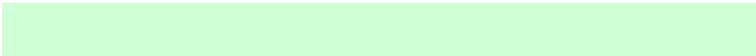
89, 87.119, 11.903

Sweetspot

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



89, 87.120, 141.903



96, 27.939, 146.605



96, 75.611, 110.124



51, 19.238, 146.375



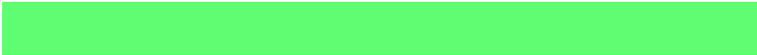
0, 0.000, 0.000



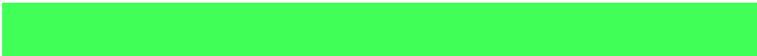
53, 0.007, 296.813

Same Dimension

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



89, 87.120, 141.903



89, 100.967, 140.103



90, 57.789, 163.021



52, 8.323, 147.308



68, 93.895, 137.134



22, 41.217, 139.137

Inverse Universe

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



66, 85.494, 331.608



62, 96.886, 332.330



63, 65.084, 359.485



50, 8.342, 328.414



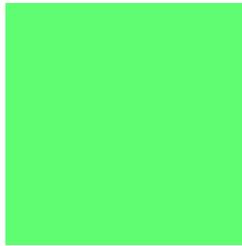
44, 84.728, 333.668



12, 39.420, 332.937

Previews

White Background



This preview shows how the CIE LCh color 89, 87.119, 141.903 looks on a white background.

Color Contrast Check

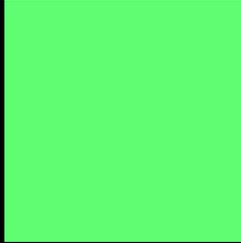
Large Text (above 18pt) WCAG AA × Fail

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, 87.119, 141.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

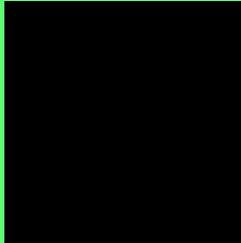
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 87.119, 141.903

Background



This preview shows how black text looks on a background with the CIELCh color 89, 87.119, 141.903.

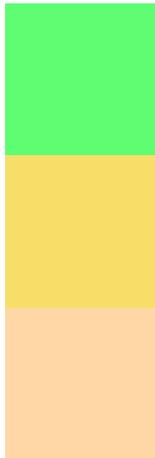


This preview shows how white text looks on a background with the CIELCh color 89, 87.119, 141.903.

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, 87.119, 141.903

Protanopia
88, 60.006, 95.457

Deuteranopia
88, 30.282, 76.101

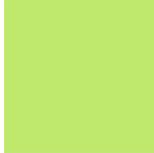


Tritanopia
89, 29.383, 216.521

Trichromacy



Original Color
89, 87.119, 141.903



Protanomaly
87, 64.325, 120.320



Deuteranomaly
87, 43.788, 123.302



Tritanomaly
88, 43.318, 168.569

Monochromacy



Original Color
89, 87.119, 141.903



Achromatopsia
77, 0.009, 296.813



Achromatomaly
80, 34.372, 145.547

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 87.119, 141.903 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(95, 253, 114)` looks like.

```
.text, #text, p{  
    color:rgb(95, 253, 114)  
}
```

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(95, 253, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 253, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 87.119, 141.903 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(95, 253, 114) }
```

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

```
.border{ border-color:rgb(95, 253, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 253, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 253, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 253, 114);  
box-shadow:4px 4px 4px 4px rgb(95, 253,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 87.119, 141.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 253, 114) }
```

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

```
.background{ background-color: rgb(95, 253,  
114) }
```

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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