

Converting Colors

CIELCh(89, 85.116, 141.269)

Have a look what the booklet for
CIELCh(89, 85.116, 141.269)
contains.

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Color

CIELCh(89, 85.117, 141.298)

Conversions

Conversions Part 1

Format	Color
Hex	68FD74
RGB	104, 253, 116
RGB Percent	41%, 99%, 45%
CMY	0.5939, 0.0094, 0.5465
CMYK	0.59, 0.00, 0.54, 0.01
HSL	125°, 97%, 70%
HSV	125°, 59%, 99%
XYZ	43.7856, 74.1641, 28.4184
YIQ	192.8310, -44.8270, -74.1950

Conversions

Conversions Part 2

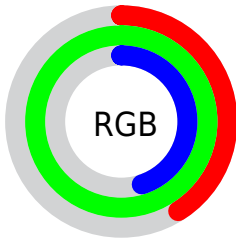
Format	Color
RYB	104, 242, 253
Decimal	6880628
CIELab	89.00, -66.43, 53.22
CIELCh	89, 85.117, 141.298
Yxy	74.1641, 0.2991, 0.5067
Android (android.graphics.Color)	4285070708 (0xFF68FD74)
YUV	192.8310, -37.8777, -77.9048
Hunter-Lab	86.1186, -59.9522, 40.7179

Details

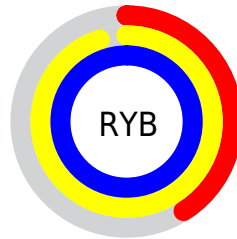
The CIELCh color **89, 85.117, 141.298** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **67, 83.914, 330.039**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 53.320, 143.106**, and **69, 85.191, 141.247** is the 20% darker color. If you saturate the color by 10%, you get **88, 96.547, 139.979**, and if you desaturate by 10%, it is **90, 72.173, 142.535**.

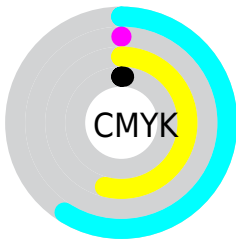
Distribution



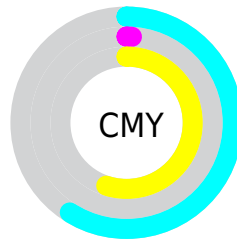
- Red (41%)
- Green (99%)
- Blue (45%)



- Red (41%)
- Yellow (95%)
- Blue (99%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (1%)





- Cyan (59%)
- Magenta (1%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 85.117, 141.298 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, 85.117, 141.298 by changing the saturation by 10% instead.


 89, 85.117,
141.298

 89, 85.117,
141.298

 100, 85.117,
141.298

 79, 85.117,
141.298

 69, 85.117,
141.298

 59, 85.117,
141.298


 49, 85.117,
141.298


 39, 85.117,
141.298


 29, 85.117,
141.298


 19, 85.117,


141.298


 9, 85.117, 141.298


 0, 85.117, 141.298


 89, 85.117,
141.298


 89, 85.117,
141.298


 88, 96.547,
139.979


 90, 72.173,
142.535

 88, 105.972,
138.663


 91, 58.166,
143.646

 87, 112.930,
137.479

 93, 43.497,
144.618

 87, 117.157,
136.587

 95, 28.500,
145.456

 87, 117.446,

 97, 13.440,

136.530

146.181

99, 1.459, 325.325

99, 1.498, 324.288

Harmonies

Complementary

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



89, 85.117, 141.298



67, 83.914, 330.039

Rectangle

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



89, 85.117, 141.298



89, 85.117, 191.298



89, 85.117, 321.298



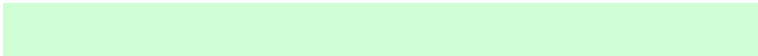
89, 85.117, 11.298

Sweetspot

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



89, 85.118, 141.298



96, 27.191, 145.533



96, 71.806, 107.905



51, 18.907, 145.305



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, 85.118, 141.298



89, 99.347, 139.708



90, 57.761, 160.561



52, 8.553, 146.147



68, 94.939, 136.676



22, 42.049, 138.342

Inverse Universe

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



67, 83.914, 330.039



64, 96.398, 330.620



65, 62.994, 355.113



50, 8.569, 327.230



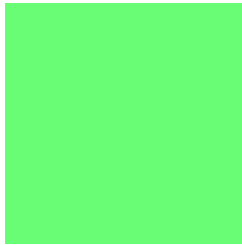
45, 87.333, 331.756



12, 40.487, 331.299

Previews

White Background



This preview shows how the CIE LCh color 89, 85.117, 141.298 looks on a white background.

Color Contrast Check

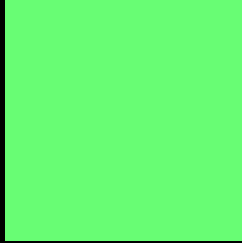
Large Text (above 18pt) WCAG AA × Fail

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, 85.117, 141.298 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

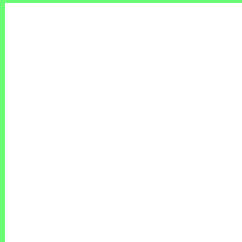
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 85.117, 141.298

Background



This preview shows how black text looks on a background with the CIELCh color 89, 85.117, 141.298.

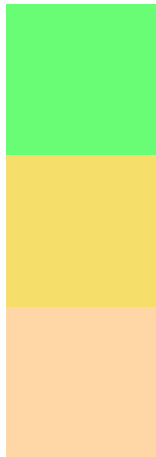


This preview shows how white text looks on a background with the CIELCh color 89, 85.117, 141.298.

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, 85.117, 141.298

Protanopia
88, 59.120, 95.400

Deuteranopia
88, 30.282, 76.101



Tritanopia
89, 28.702, 217.022

Trichromacy



Original Color
89, 85.117, 141.298



Protanomaly
87, 63.140, 119.571



Deuteranomaly
87, 42.970, 122.068

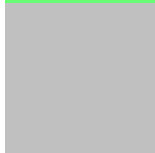


Tritanomaly
89, 42.227, 167.870

Monochromacy



Original Color
89, 85.117, 141.298



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 33.258, 144.768

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 85.117, 141.298 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(104, 253, 116)` looks like.

```
.text, #text, p{  
    color:rgb(104, 253, 116)  
}
```

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(104, 253, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 253, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 85.117, 141.298 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(104, 253, 116) }
```

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

```
.border{ border-color:rgb(104, 253, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 253, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 253, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 253, 116);  
box-shadow:4px 4px 4px 4px rgb(104, 253,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 85.117, 141.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 253, 116) }
```

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

```
.background{ background-color: rgb(104,  
253, 116) }
```

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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