

Converting Colors

CIELCh(89, 88.879, 142.388)

Have a look what the booklet for
CIELCh(89, 88.879, 142.388)
contains.

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Color

CIELCh(89, 88.887, 142.347)

Conversions

Conversions Part 1

Format	Color
Hex	58FE71
RGB	88, 254, 113
RGB Percent	35%, 100%, 44%
CMY	0.6548, 0.0038, 0.5568
CMYK	0.65, 0.00, 0.56, 0.00
HSL	129°, 99%, 67%
HSV	129°, 65%, 100%
XYZ	42.4563, 74.1641, 27.7054
YIQ	188.2920, -53.6750, -79.0430

Conversions

Conversions Part 2

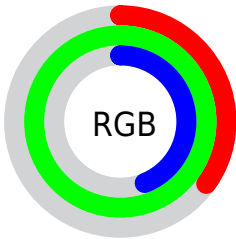
Format	Color
RYB	88, 232, 254
Decimal	5832305
CIELab	89.00, -70.37, 54.30
CIELCh	89, 88.887, 142.347
Yxy	74.1641, 0.2942, 0.5139
Android (android.graphics.Color)	4284022385 (0xFF58FE71)
YUV	188.2920, -37.1190, -87.9561
Hunter-Lab	86.1186, -62.7075, 41.2087

Details

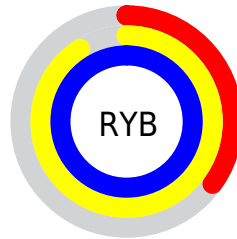
The CIELCh color **89, 88.887, 142.347** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **65, 86.821, 332.994**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 57.127, 145.271**, and **69, 87.104, 141.090** is the 20% darker color. If you saturate the color by 10%, you get **88, 99.088, 140.851**, and if you desaturate by 10%, it is **90, 77.151, 143.741**.

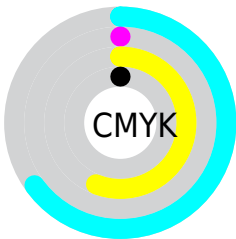
Distribution



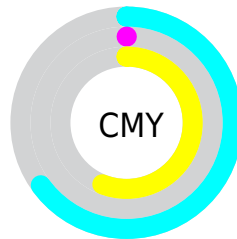
- Red (35%)
- Green (100%)
- Blue (44%)



- Red (35%)
- Yellow (91%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 88.887, 142.347 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, 88.887, 142.347 by changing the saturation by 10% instead.


 89, 88.887,
142.347

 89, 88.887,
142.347

 100, 88.887,
142.347

 79, 88.887,
142.347

 69, 88.887,
142.347

 59, 88.887,
142.347

 49, 88.887,
142.347

 39, 88.887,
142.347

 29, 88.887,
142.347

 19, 88.887,


142.347


 9, 88.887, 142.347


 0, 88.887, 142.347


 89, 88.887,
142.347


 89, 88.887,
142.347

 88, 99.088,
140.851


 90, 77.151,
143.741


 88, 107.391,
139.332

 91, 64.251,
144.992

 88, 113.494,
137.916

 93, 50.548,
146.088

 88, 115.585,
137.367

 94, 36.366,
147.036

 96, 21.980,

147.853

 98, 7.609, 148.578

100, 0.616,
323.960

Harmonies

Complementary

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



89, 88.887, 142.347



65, 86.821, 332.994

Rectangle

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



89, 88.887, 142.347



89, 88.887, 192.347



89, 88.887, 322.347



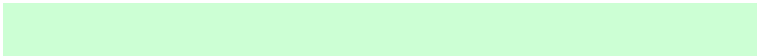
89, 88.887, 12.347

Sweetspot

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



89, 88.888, 142.347



96, 28.773, 147.488



95, 78.965, 111.592



50, 19.638, 147.254



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, 88.888, 142.347



88, 101.799, 140.443



90, 58.173, 164.678



52, 8.143, 148.282



68, 92.854, 137.597



23, 40.558, 139.798

Inverse Universe

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



65, 86.821, 332.994



61, 96.731, 333.836



62, 67.322, 2.812



50, 8.163, 329.409



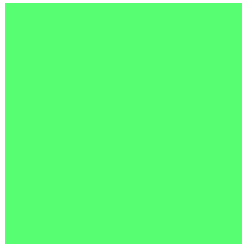
44, 82.723, 335.315



12, 38.593, 334.336

Previews

White Background



This preview shows how the CIELCh color 89, 88.887, 142.347 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, 88.887, 142.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

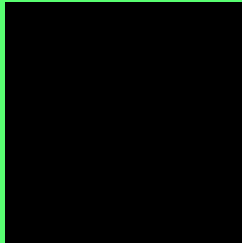
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 88.887, 142.347

Background



This preview shows how black text looks on a background with the CIELCh color 89, 88.887, 142.347.

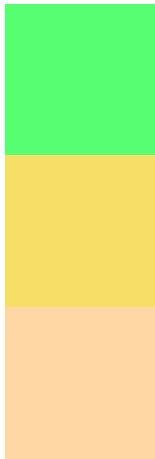


This preview shows how white text looks on a background with the CIELCh color 89, 88.887, 142.347.

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, 88.887, 142.347

Protanopia
88, 60.447, 95.485

Deuteranopia
88, 30.733, 76.533

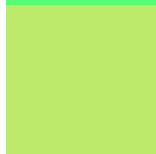


Tritanopia
89, 29.831, 216.205

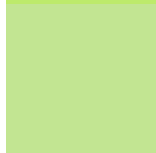
Trichromacy



Original Color
89, 88.887, 142.347



Protanomaly
87, 65.491, 121.046



Deuteranomaly
87, 44.626, 124.482

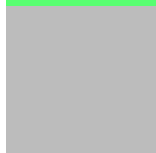


Tritanomaly
88, 44.477, 168.520

Monochromacy



Original Color
89, 88.887, 142.347



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 35.066, 146.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 88.887, 142.347 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(88, 254, 113)` looks like.

```
.text, #text, p{  
    color:rgb(88, 254, 113)  
}
```

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(88, 254, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 254, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 88.887, 142.347 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(88, 254, 113) }
```

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

```
.border{ border-color:rgb(88, 254, 113) }
```

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

Here you see how a box with a 4 pixel rgb(88, 254, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 254, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 254, 113);  
box-shadow:4px 4px 4px 4px rgb(88, 254,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 88.887, 142.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 254, 113) }
```

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

```
.background{ background-color: rgb(88, 254,  
113) }
```

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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