

Converting Colors

CIELCh(89, 88.295, 143.017)

Have a look what the booklet for
CIELCh(89, 88.295, 143.017)
contains.

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Color

CIELCh(89, 88.046, 143.051)

Conversions

Conversions Part 1

Format	Color
Hex	56FE74
RGB	86, 254, 116
RGB Percent	34%, 100%, 45%
CMY	0.6625, 0.0037, 0.5449
CMYK	0.66, 0.00, 0.54, 0.00
HSL	131°, 99%, 67%
HSV	131°, 66%, 100%
XYZ	42.4597, 74.1641, 28.6165
YIQ	188.0360, -55.8300, -78.5340

Conversions

Conversions Part 2

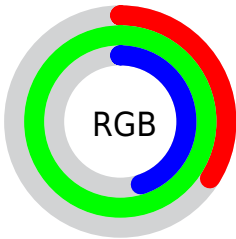
Format	Color
RYB	86, 229, 254
Decimal	5701236
CIELab	89.00, -70.36, 52.92
CIELCh	89, 88.046, 143.051
Yxy	74.1641, 0.2923, 0.5106
Android (android.graphics.Color)	4283891316 (0xFF56FE74)
YUV	188.0360, -35.5137, -89.4856
Hunter-Lab	86.1186, -62.7004, 40.5815

Details

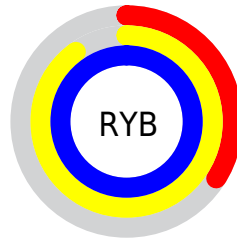
The CIELCh color **89, 88.046, 143.051** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **64, 85.920, 334.205**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 56.116, 146.413**, and **69, 86.155, 141.566** is the 20% darker color. If you saturate the color by 10%, you get **88, 98.045, 141.493**, and if you desaturate by 10%, it is **90, 76.582, 144.489**.

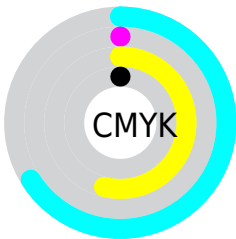
Distribution



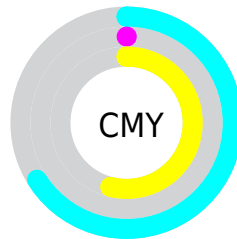
- Red (34%)
- Green (100%)
- Blue (45%)



- Red (34%)
- Yellow (90%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)





- Cyan (66%)
- Magenta (0%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 88.046, 143.051 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, 88.046, 143.051 by changing the saturation by 10% instead.


 89, 88.046,
143.051


 89, 88.046,
143.051


 100, 88.046,
143.051


 79, 88.046,
143.051

 69, 88.046,
143.051

 59, 88.046,
143.051

 49, 88.046,
143.051

 39, 88.046,
143.051


 29, 88.046,
143.051


 19, 88.046,


143.051


 9, 88.046, 143.051


 0, 88.046, 143.051


 89, 88.046,
143.051


 89, 88.046,
143.051


 88, 98.045,
141.493


 90, 76.582,
144.489

 88, 106.262,
139.885

 91, 63.989,
145.773

 88, 112.445,
138.347

 93, 50.602,
146.895

 88, 114.314,
137.833

 94, 36.730,
147.866

 96, 22.640,

148.704

 98, 8.547, 149.444

100, 0.592,
323.939

Harmonies

Complementary

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



89, 88.046, 143.051



64, 85.920, 334.205

Rectangle

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



89, 88.046, 143.051



89, 88.046, 193.051



89, 88.046, 323.051



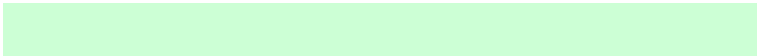
89, 88.046, 13.051

Sweetspot

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



89, 88.047, 143.051



96, 28.198, 148.393



95, 79.875, 112.361



50, 19.245, 148.157



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, 88.047, 143.051



88, 100.899, 141.028



90, 57.753, 165.681



52, 7.981, 149.200



68, 91.760, 138.092



23, 39.951, 140.432

Inverse Universe

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



64, 85.920, 334.205



61, 95.441, 335.193



61, 67.817, 4.328



50, 8.004, 330.348



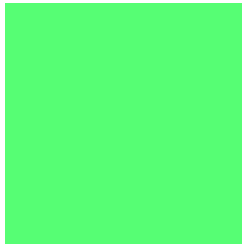
44, 80.976, 336.900



12, 37.868, 335.674

Previews

White Background



This preview shows how the CIELCh color 89, 88.046, 143.051 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, 88.046, 143.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

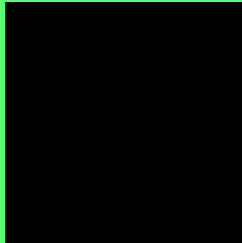
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

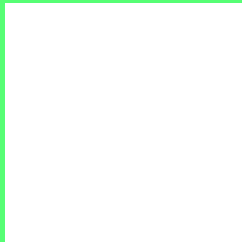
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 88.046, 143.051

Background



This preview shows how black text looks on a background with the CIELCh color 89, 88.046, 143.051.

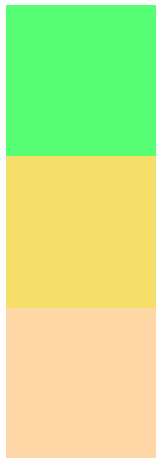


This preview shows how white text looks on a background with the CIELCh color 89, 88.046, 143.051.

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, 88.046, 143.051

Protanopia

88, 59.039, 95.803

Deuteranopia

88, 30.282, 76.101

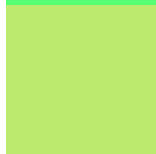


Tritanopia
89, 29.831, 216.205

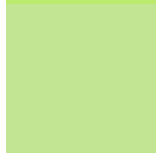
Trichromacy



Original Color
89, 88.046, 143.051



Protanomaly
87, 64.457, 122.084

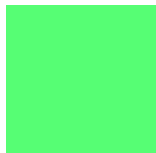


Deuteranomaly
87, 43.683, 124.918

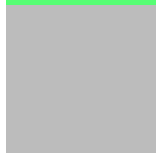


Tritanomaly
88, 44.375, 169.206

Monochromacy



Original Color
89, 88.046, 143.051



Achromatopsia
76, 0.009, 296.813



Achromatomaly
80, 34.871, 147.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 88.046, 143.051 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(86, 254, 116)` looks like.

```
.text, #text, p{  
    color:rgb(86, 254, 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(86, 254, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 254, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 88.046, 143.051 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(86, 254, 116) }
```

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

```
.border{ border-color:rgb(86, 254, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 254, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 254, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 254, 116);  
box-shadow:4px 4px 4px 4px rgb(86, 254,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 88.046, 143.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 254, 116) }
```

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

```
.background{ background-color: rgb(86, 254,  
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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