

Converting Colors

CIELCh(86, 82.490, 131.335)

Have a look what the booklet for
CIELCh(86, 82.490, 131.335)
contains.

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Color

CIELCh(86, 82.634, 131.320)

Conversions

Conversions Part 1

Format	Color
Hex	8CEF58
RGB	140, 239, 88
RGB Percent	55%, 94%, 35%
CMY	0.4511, 0.0629, 0.6550
CMYK	0.41, 0.00, 0.63, 0.06
HSL	99°, 82%, 64%
HSV	99°, 63%, 94%
XYZ	43.4242, 67.9871, 20.0590
YIQ	192.1850, -10.5330, -67.9490

Conversions

Conversions Part 2

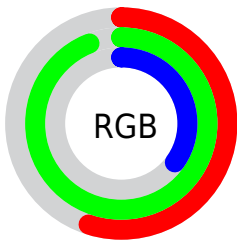
Format	Color
RYB	88, 239, 187
Decimal	9236312
CIELab	86.00, -54.56, 62.06
CIElCh	86, 82.634, 131.320
Yxy	67.9871, 0.3303, 0.5171
Android (android.graphics.Color)	4287426392 (0xFF8CEF58)
YUV	192.1850, -51.3632, -45.7662
Hunter-Lab	82.4543, -50.2888, 43.2943

Details

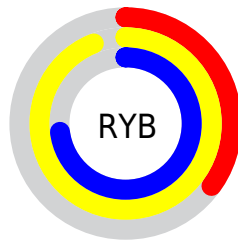
The CIELCh color **86, 82.634, 131.320** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **56, 87.173, 316.825**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 59.770, 126.995**, and **66, 82.646, 131.367** is the 20% darker color. If you saturate the color by 10%, you get **85, 92.822, 131.135**, and if you desaturate by 10%, it is **87, 70.966, 131.715**.

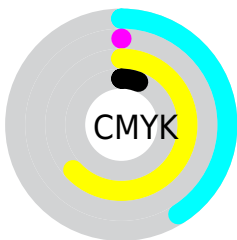
Distribution



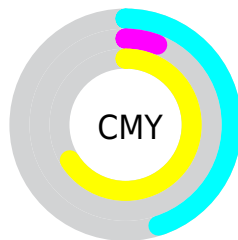
- Red (55%)
- Green (94%)
- Blue (35%)



- Red (35%)
- Yellow (94%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (63%)
- Black (6%)





- Cyan (45%)
- Magenta (6%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 82.634, 131.320 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 86, 82.634, 131.320 by changing the saturation by 10% instead.


 86, 82.634,
131.320


 86, 82.634,
131.320


 100, 82.634,
131.320


 76, 82.634,
131.320

 66, 82.634,
131.320

 56, 82.634,
131.320

 46, 82.634,
131.320

 36, 82.634,
131.320

 26, 82.634,
131.320

 16, 82.634,

131.320

■ 6, 82.634, 131.320

■ 0, 82.634, 131.320

■ 86, 82.634,
131.320

■ 86, 82.634,
131.320

■ 85, 92.822,
131.135

■ 87, 70.966,
131.715

■ 85, 100.934,
131.288

■ 88, 58.330,
132.212

■ 84, 106.492,
131.891

■ 89, 45.108,
132.742

■ 84, 108.981,
132.495

■ 91, 31.577,
133.262

■ 92, 17.932,

133.752

 94, 4.310, 134.228

 96, 9.075, 314.879

 96, 9.997, 324.758

Harmonies

Complementary

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



86, 82.634, 131.320



56, 87.173, 316.825

Rectangle

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



86, 82.634, 131.320



86, 82.634, 181.320



86, 82.634, 311.320



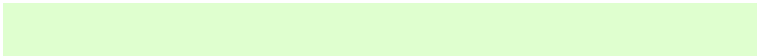
86, 82.634, 1.320

Sweetspot

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



86, 82.635, 131.321



97, 27.266, 133.468



79, 56.506, 81.069



51, 18.770, 133.325



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 82.635, 131.321



90, 100.383, 131.139



84, 82.369, 142.672



49, 7.734, 133.925



66, 89.197, 132.265



20, 36.747, 131.626

Inverse Universe

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



56, 87.173, 316.825



53, 106.442, 316.910



62, 80.761, 332.817



47, 7.807, 314.695



33, 94.358, 316.007



6, 40.066, 317.072

Previews

White Background



This preview shows how the CIE LCh color 86, 82.634, 131.320 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 CIE LCh color 86, 82.634, 131.320 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 86, 82.634, 131.320

Background



This preview shows how black text looks on a background with the CIELCh color 86, 82.634, 131.320.

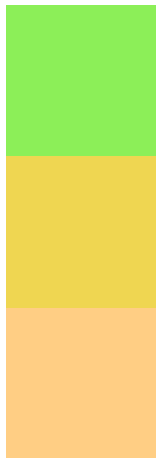


This preview shows how white text looks on a background with the CIELCh color 86, 82.634, 131.320.

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
86, 82.634, 131.320

Protanopia
86, 66.567, 95.180

Deuteranopia
86, 43.990, 79.026



Tritanopia
86, 20.725, 225.613

Trichromacy



Original Color
86, 82.634, 131.320



Protanomaly
85, 68.446, 111.447



Deuteranomaly
85, 51.808, 108.001

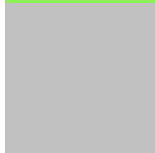


Tritanomaly
85, 34.446, 156.306

Monochromacy



Original Color
86, 82.634, 131.320



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 32.127, 133.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 82.634, 131.320 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(140, 239, 88)` looks like.

```
.text, #text, p{  
    color:rgb(140, 239, 88)  
}
```

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(140, 239, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 239, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 82.634, 131.320 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(140, 239, 88) }
```

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

```
.border{ border-color:rgb(140, 239, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 239, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 239, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 239, 88);  
box-shadow:4px 4px 4px 4px rgb(140, 239,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 82.634, 131.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 239, 88) }
```

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

```
.background{ background-color: rgb(140,  
239, 88) }
```

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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