

Converting Colors

CIELCh(86, 81.079, 131.119)

Have a look what the booklet for
CIELCh(86, 81.079, 131.119)
contains.

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Color

CIELCh(86, 80.929, 130.954)

Conversions

Conversions Part 1

Format	Color
Hex	8FEE5A
RGB	143, 238, 90
RGB Percent	56%, 93%, 35%
CMY	0.4377, 0.0652, 0.6456
CMYK	0.40, 0.00, 0.62, 0.07
HSL	99°, 82%, 64%
HSV	99°, 62%, 93%
XYZ	43.9388, 67.9871, 20.5604
YIQ	192.7230, -9.1120, -66.1680

Conversions

Conversions Part 2

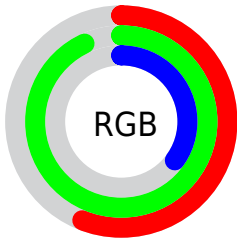
Format	Color
RYB	90, 238, 185
Decimal	9432666
CIELab	86.00, -53.05, 61.12
CIELCh	86, 80.929, 130.954
Yxy	67.9871, 0.3316, 0.5132
Android (android.graphics.Color)	4287622746 (0xFF8FEE5A)
YUV	192.7230, -50.6424, -43.6071
Hunter-Lab	82.4543, -49.1748, 42.9337

Details

The CIELCh color **86, 80.929, 130.954** 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, 85.625, 316.383**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 58.468, 126.376**, and **66, 80.744, 130.999** is the 20% darker color. If you saturate the color by 10%, you get **85, 91.254, 130.760**, and if you desaturate by 10%, it is **87, 69.200, 131.349**.

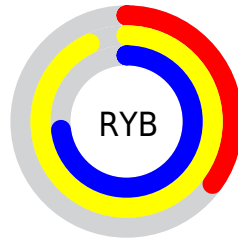
Distribution



Red (56%)

Green (93%)

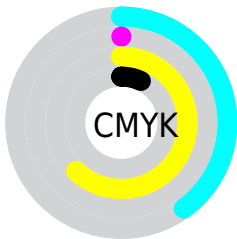
Blue (35%)



Red (35%)

Yellow (93%)

Blue (73%)

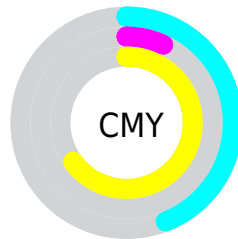


Cyan (40%)

Magenta (0%)

Yellow (62%)

Black (7%)



Cyan (44%)

Magenta (7%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 80.929, 130.954 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, 80.929, 130.954 by changing the saturation by 10% instead.

■ 86, 80.929,
130.954

■ 86, 80.929,
130.954

■ 100, 80.929,
130.954

■ 76, 80.929,
130.954

■ 66, 80.929,
130.954

■ 56, 80.929,
130.954

■ 46, 80.929,
130.954

■ 36, 80.929,
130.954

■ 26, 80.929,
130.954

■ 16, 80.929,

130.954

■ 6, 80.929, 130.954

■ 0, 80.929, 130.954

■ 86, 80.929,
130.954

■ 86, 80.929,
130.954

■ 85, 91.254,
130.760

■ 87, 69.200,
131.349

■ 85, 99.586,
130.895

■ 88, 56.560,
131.839

■ 84, 105.422,
131.476

■ 89, 43.375,
132.360

■ 84, 108.394,
132.196

■ 91, 29.907,
132.872

■ 92, 16.342,

133.355

■ 94, 2.808, 133.845

■ 96, 9.563, 316.868

■ 96, 10.363,
324.772

Harmonies

Complementary

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



86, 80.929, 130.954



56, 85.625, 316.383

Rectangle

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



86, 80.929, 130.954



86, 80.929, 180.954



86, 80.929, 310.954



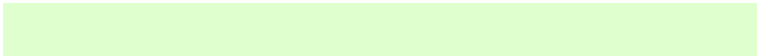
86, 80.929, 0.954

Sweetspot

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



86, 80.930, 130.955



97, 27.160, 133.021



78, 54.974, 79.799



51, 18.696, 132.880



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, 80.930, 130.955



90, 99.075, 130.761



84, 81.941, 142.348



49, 7.705, 133.476



66, 88.880, 131.962



20, 36.609, 131.274

Inverse Universe

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



56, 85.625, 316.383



53, 105.527, 316.509



62, 80.459, 332.098



47, 7.781, 314.246



32, 94.619, 315.599



6, 40.045, 316.627

Previews

White Background



This preview shows how the CIELCh color 86, 80.929, 130.954 looks on a white background.

Color Contrast Check

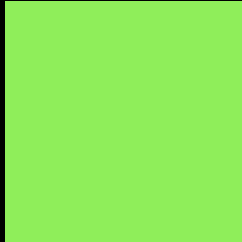
Large Text (above 18pt) WCAG AA × Fail

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 86, 80.929, 130.954 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, 80.929, 130.954

Background



This preview shows how black text looks on a background with the CIELCh color 86, 80.929, 130.954.

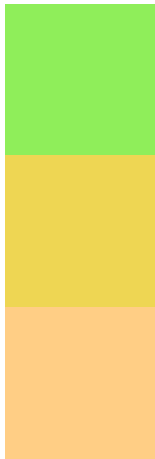


This preview shows how white text looks on a background with the CIELCh color 86, 80.929, 130.954.

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, 80.929, 130.954

Protanopia
85, 65.682, 95.515

Deuteranopia
86, 43.532, 78.786



Tritanopia
86, 19.717, 227.212

Trichromacy



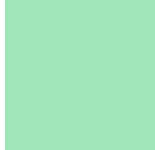
Original Color
86, 80.929, 130.954



Protanomaly
85, 67.593, 111.243



Deuteranomaly
85, 51.321, 107.601

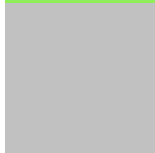


Tritanomaly
85, 33.720, 155.319

Monochromacy



Original Color
86, 80.929, 130.954



Achromatopsia
78, 0.009, 296.813



Achromatomaly
81, 31.459, 132.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 80.929, 130.954 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(143, 238, 90)` looks like.

```
.text, #text, p{  
    color:rgb(143, 238, 90)  
}
```

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(143, 238, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 238, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 80.929, 130.954 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(143, 238, 90) }
```

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

```
.border{ border-color:rgb(143, 238, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 238, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 238, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 238, 90);  
box-shadow:4px 4px 4px 4px rgb(143, 238,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 80.929, 130.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 238, 90) }
```

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

```
.background{ background-color: rgb(143,  
238, 90) }
```

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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