

Converting Colors

CIELCh(86, 91.277, 130.939)

Have a look what the booklet for
CIELCh(86, 91.277, 130.939)
contains.

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Color

CIELCh(86, 91.452, 130.862)

Conversions

Conversions Part 1

Format	Color
Hex	82F145
RGB	130, 241, 69
RGB Percent	51%, 95%, 27%
CMY	0.4908, 0.0554, 0.7300
CMYK	0.46, 0.00, 0.71, 0.06
HSL	99°, 86%, 61%
HSV	99°, 71%, 94%
XYZ	41.6653, 67.9871, 16.5325
YIQ	188.2030, -10.9440, -77.0240

Conversions

Conversions Part 2

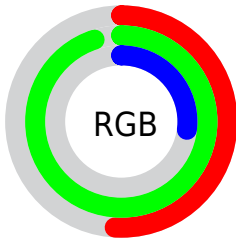
Format	Color
RYB	69, 241, 180
Decimal	8581445
CIELab	86.00, -59.83, 69.16
CIElCh	86, 91.452, 130.862
Yxy	67.9871, 0.3302, 0.5388
Android (android.graphics.Color)	4286771525 (0xFF82F145)
YUV	188.2030, -58.7671, -51.0440
Hunter-Lab	82.4543, -54.0965, 45.8300

Details

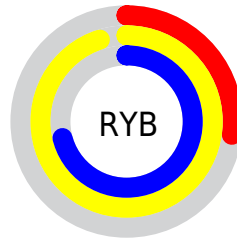
The CIELCh color **86, 91.452, 130.862** is a light color, and the websafe version is hex **99FF66**. The color can be described as light washed chartreuse. A complement of this color would be **52, 97.156, 316.616**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 67.933, 127.009**, and **66, 88.887, 131.829** is the 20% darker color. If you saturate the color by 10%, you get **85, 100.006, 130.967**, and if you desaturate by 10%, it is **87, 80.923, 131.079**.

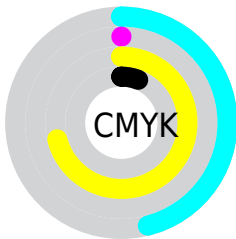
Distribution



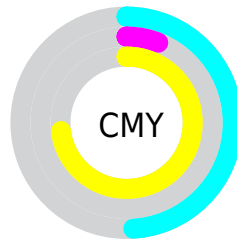
- Red (51%)
- Green (95%)
- Blue (27%)



- Red (27%)
- Yellow (95%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (71%)
- Black (6%)





- Cyan (49%)
- Magenta (6%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 91.452, 130.862 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, 91.452, 130.862 by changing the saturation by 10% instead.


 86, 91.452,
130.862


 86, 91.452,
130.862


 100, 91.452,
130.862


 76, 91.452,
130.862

 66, 91.452,
130.862

 56, 91.452,
130.862

 46, 91.452,
130.862

 36, 91.452,
130.862

 26, 91.452,
130.862

 16, 91.452,

130.862

■ 6, 91.452, 130.862

■ 0, 91.452, 130.862

■ 86, 91.452,
130.862

■ 86, 91.452,
130.862

■ 85, 100.006,
130.967

■ 87, 80.923,
131.079

■ 85, 106.060,
131.510

■ 88, 69.010,
131.486


■ 84, 109.355,
132.281

■ 89, 56.203,
131.984

■ 90, 42.867,
132.508

■ 92, 29.260,

133.020

 93, 15.564,
133.501

 95, 1.909, 134.021

 96, 8.659, 323.189

 97, 8.812, 324.713

Harmonies

Complementary

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



86, 91.452, 130.862



52, 97.156, 316.616

Rectangle

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



86, 91.452, 130.862



86, 91.452, 180.862



86, 91.452, 310.862



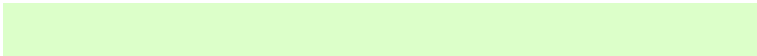
86, 91.452, 0.862

Sweetspot

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



86, 91.452, 130.863



96, 30.054, 133.037



77, 63.452, 78.286



51, 20.342, 132.898



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, 91.452, 130.863



89, 107.834, 131.170



84, 92.344, 141.010



49, 7.713, 133.591



66, 88.962, 132.040



20, 36.644, 131.365

Inverse Universe

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



52, 97.156, 316.616



49, 114.877, 316.369



60, 89.245, 332.665



47, 7.788, 314.361



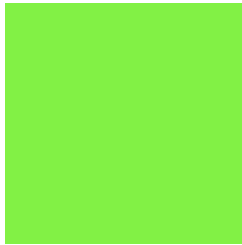
33, 94.552, 315.703



6, 40.051, 316.741

Previews

White Background



This preview shows how the CIELCh color 86, 91.452, 130.862 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, 91.452, 130.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

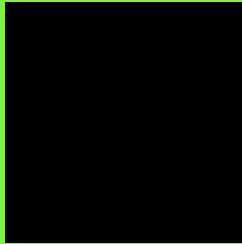
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 91.452, 130.862

Background



This preview shows how black text looks on a background with the CIELCh color 86, 91.452, 130.862.

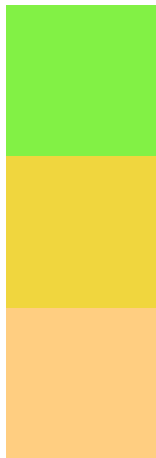


This preview shows how white text looks on a background with the CIELCh color 86, 91.452, 130.862.

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, 91.452, 130.862

Protanopia

85, 73.661, 95.068

Deuteranopia

85, 45.363, 79.709



Tritanopia
86, 22.731, 222.901

Trichromacy



Original Color
86, 91.452, 130.862



Protanomaly
85, 76.368, 111.414



Deuteranomaly
85, 56.531, 109.543

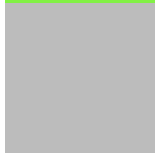


Tritanomaly
85, 39.774, 154.722

Monochromacy



Original Color
86, 91.452, 130.862



Achromatopsia
76, 0.009, 296.813



Achromatomaly
79, 36.159, 132.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 91.452, 130.862 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(130, 241, 69)` looks like.

```
.text, #text, p{  
    color:rgb(130, 241, 69)  
}
```

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(130, 241, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 241, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 91.452, 130.862 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(130, 241, 69) }
```

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

```
.border{ border-color:rgb(130, 241, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 241, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 241, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 241, 69);  
box-shadow:4px 4px 4px 4px rgb(130, 241,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 91.452, 130.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 241, 69) }
```

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

```
.background{ background-color: rgb(130,  
241, 69) }
```

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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