

Converting Colors

CIELCh(81, 86.218, 126.385)

Have a look what the booklet for
CIELCh(81, 86.218, 126.385)
contains.

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Color

CIELCh(81, 86.135, 126.478)

Conversions

Conversions Part 1

Format	Color
Hex	8ADF36
RGB	138, 223, 54
RGB Percent	54%, 87%, 21%
CMY	0.4587, 0.1253, 0.7880
CMYK	0.38, 0.00, 0.76, 0.13
HSL	90°, 73%, 54%
HSV	90°, 76%, 87%
XYZ	37.5538, 58.4711, 12.8027
YIQ	178.3190, 3.5890, -70.5790

Conversions

Conversions Part 2

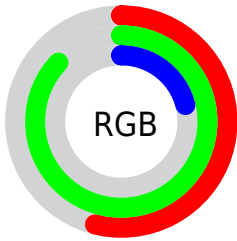
Format	Color
RYB	54, 223, 139
Decimal	9101110
CIELab	81.00, -51.21, 69.26
CIELCh	81, 86.135, 126.478
Yxy	58.4711, 0.3451, 0.5373
Android (android.graphics.Color)	4287291190 (0xFF8ADF36)
YUV	178.3190, -61.2893, -35.3598
Hunter-Lab	76.4664, -46.1522, 43.5996

Details

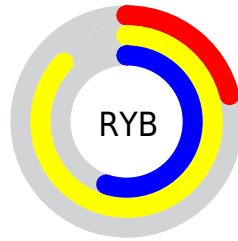
The CIELCh color **81, 86.135, 126.478** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle muted chartreuse. A complement of this color would be **43, 96.509, 312.631**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 72.751, 123.138**, and **61, 80.045, 128.785** is the 20% darker color. If you saturate the color by 10%, you get **80, 92.964, 126.927**, and if you desaturate by 10%, it is **82, 77.321, 126.432**.

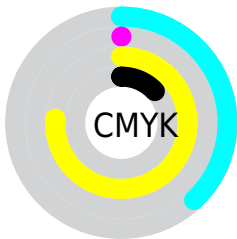
Distribution



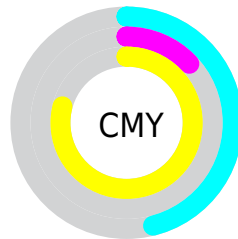
- Red (54%)
- Green (87%)
- Blue (21%)



- Red (21%)
- Yellow (87%)
- Blue (55%)



- Cyan (38%)
- Magenta (0%)
- Yellow (76%)
- Black (13%)



- Cyan (46%)
- Magenta (13%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 86.135, 126.478 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 81, 86.135, 126.478 by changing the saturation by 10% instead.

■ 81, 86.135,
126.478

■ 81, 86.135,
126.478

■ 100, 86.135,
126.478

■ 71, 86.135,
126.478

■ 61, 86.135,
126.478

■ 51, 86.135,
126.478

■ 41, 86.135,
126.478

■ 31, 86.135,
126.478

■ 21, 86.135,
126.478

■ 11, 86.135,

126.478

■ 1, 86.135, 126.478

■ 0, 86.135, 126.478

■ 81, 86.135,
126.478

■ 81, 86.135,
126.478

■ 80, 92.964,
126.927

■ 82, 77.321,
126.432

■ 80, 97.454,
127.870

■ 82, 67.055,
126.655


■ 80, 98.886,
128.344


■ 83, 55.825,
127.036

■ 84, 43.996,
127.496


■ 86, 31.825,

127.984

 87, 19.489,
128.469

 88, 7.111, 128.941

 89, 5.224, 309.326

 91, 17.454,
309.735

Harmonies

Complementary

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



81, 86.135, 126.478



43, 96.509, 312.631

Rectangle

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



81, 86.135, 126.478



81, 86.135, 176.478



81, 86.135, 306.478



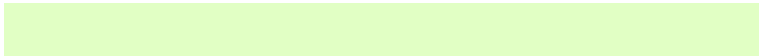
81, 86.135, 356.478

Sweetspot

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



81, 86.135, 126.479



97, 31.685, 128.111



65, 61.793, 65.549



51, 21.913, 127.933



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 86.135, 126.479



90, 106.116, 127.423



78, 97.380, 137.480



47, 7.047, 128.768



64, 82.620, 128.085



17, 30.845, 128.058

Inverse Universe

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



43, 96.509, 312.631



43, 120.758, 312.340



56, 95.210, 327.927



44, 7.144, 309.585



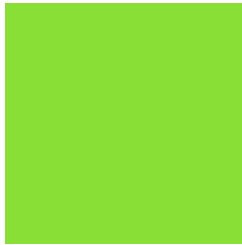
27, 94.371, 312.006



4, 33.501, 310.424

Previews

White Background



This preview shows how the CIELCh color 81, 86.135, 126.478 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 81, 86.135, 126.478 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 81, 86.135, 126.478

Background



This preview shows how black text looks on a background with the CIELCh color 81, 86.135, 126.478.

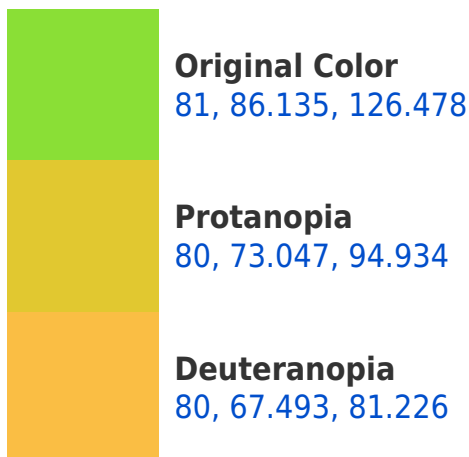


This preview shows how white text looks on a background with the CIELCh color 81, 86.135, 126.478.

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



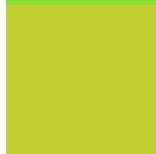


Tritanopia
81, 17.322, 230.140

Trichromacy



Original Color
81, 86.135, 126.478



Protanomaly
80, 74.634, 108.542



Deuteranomaly
80, 67.884, 101.450



Tritanomaly
80, 34.616, 147.321

Monochromacy



Original Color
81, 86.135, 126.478



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 34.661, 127.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 86.135, 126.478 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(138, 223, 54)` looks like.

```
.text, #text, p{  
    color:rgb(138, 223, 54)  
}
```

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(138, 223, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 223, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 86.135, 126.478 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(138, 223, 54) }
```

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

```
.border{ border-color:rgb(138, 223, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 223, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 223, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 223, 54);  
box-shadow:4px 4px 4px 4px rgb(138, 223,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 86.135, 126.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 223, 54) }
```

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

```
.background{ background-color: rgb(138,  
223, 54) }
```

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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