

Converting Colors

CIELCh(86, 51.835, 126.920)

Have a look what the booklet for
CIELCh(86, 51.835, 126.920)
contains.

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Color

CIELCh(86, 51.800, 126.928)

Conversions

Conversions Part 1

Format	Color
Hex	B6E586
RGB	182, 229, 134
RGB Percent	71%, 90%, 53%
CMY	0.2847, 0.1004, 0.4730
CMYK	0.20, 0.00, 0.41, 0.10
HSL	90°, 65%, 71%
HSV	90°, 41%, 90%
XYZ	51.8454, 67.9871, 33.0817
YIQ	204.1170, 2.4830, -39.5090

Conversions

Conversions Part 2

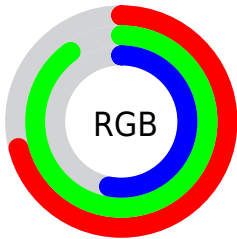
Format	Color
RYB	134, 229, 181
Decimal	11986310
CIELab	86.00, -31.12, 41.41
CIELCh	86, 51.800, 126.928
Yxy	67.9871, 0.3390, 0.4446
Android (android.graphics.Color)	4290176390 (0xFFB6E586)
YUV	204.1170, -34.5677, -19.3966
Hunter-Lab	82.4543, -32.0582, 33.9301

Details

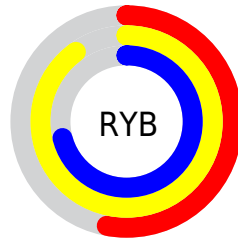
The CIELCh color **86, 51.800, 126.928** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 55.065, 310.992**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 34.304, 117.781**, and **66, 51.820, 126.883** is the 20% darker color. If you saturate the color by 10%, you get **85, 63.561, 126.507**, and if you desaturate by 10%, it is **87, 39.553, 127.407**.

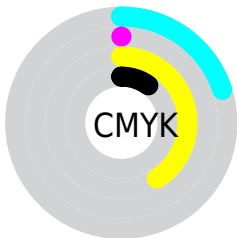
Distribution



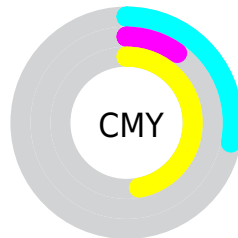
- Red (71%)
- Green (90%)
- Blue (53%)



- Red (53%)
- Yellow (90%)
- Blue (71%)



- Cyan (20%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 51.800, 126.928 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, 51.800, 126.928 by changing the saturation by 10% instead.

■ 86, 51.800,
126.928

■ 86, 51.800,
126.928

■ 100, 51.800,
126.928

■ 76, 51.800,
126.928

■ 66, 51.800,
126.928

■ 56, 51.800,
126.928

■ 46, 51.800,
126.928

■ 36, 51.800,
126.928


■ 26, 51.800,
126.928


■ 16, 51.800,


126.928

 6, 51.800, 126.928

 0, 51.800, 126.928

 86, 51.800,
126.928


 86, 51.800,
126.928


 85, 63.561,
126.507


 87, 39.553,
127.407

 84, 74.506,
126.207

 88, 27.039,
127.898


 83, 84.191,
126.128

 90, 14.414,
128.380

 83, 92.069,
126.396

 91, 1.784, 128.893

 82, 97.659,

 92, 10.774,
309.226

127.132

93, 15.172,
319.955

82, 100.757,
128.096

94, 15.992,
324.977

Harmonies

Complementary

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



86, 51.800, 126.928



64, 55.065, 310.992

Rectangle

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



86, 51.800, 126.928



86, 51.800, 176.928



86, 51.800, 306.928



86, 51.800, 356.928

Sweetspot

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



86, 51.802, 126.929



98, 16.497, 128.349



77, 32.459, 68.521



52, 10.945, 128.287



0, 0.000, 0.000



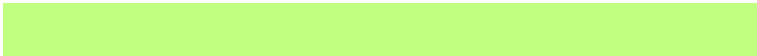
53, 0.007, 296.813

Same Dimension

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



86, 51.802, 126.929



94, 67.445, 126.550



84, 59.902, 140.885



48, 7.165, 128.473



65, 83.296, 127.826



18, 32.241, 127.384

Inverse Universe

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



64, 55.065, 310.992



65, 72.770, 311.472



69, 59.833, 326.162



45, 7.265, 309.299



28, 95.564, 311.805



4, 35.594, 310.846

Previews

White Background



This preview shows how the CIELCh color 86, 51.800, 126.928 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, 51.800, 126.928 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, 51.800, 126.928

Background



This preview shows how black text looks on a background with the CIELCh color 86, 51.800, 126.928.

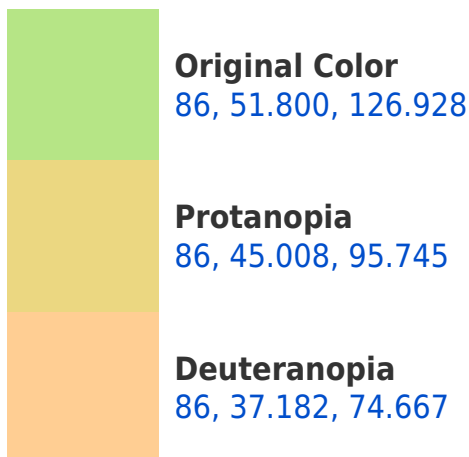


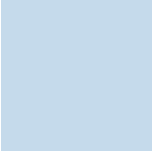
This preview shows how white text looks on a background with the CIELCh color 86, 51.800, 126.928.

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
86, 11.266, 251.672

Trichromacy



Original Color
86, 51.800, 126.928



Protanomaly
86, 45.509, 108.338



Deuteranomaly
86, 38.169, 98.322

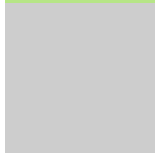


Tritanomaly
86, 16.727, 149.639

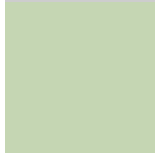
Monochromacy



Original Color
86, 51.800, 126.928



Achromatopsia
82, 0.010, 296.813



Achromatomaly
84, 19.471, 127.827

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 51.800, 126.928 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(182, 229, 134)` looks like.

```
.text, #text, p{  
    color:rgb(182, 229, 134)  
}
```

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(182, 229, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 229, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 51.800, 126.928 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(182, 229, 134) }
```

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

```
.border{ border-color:rgb(182, 229, 134) }
```

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

Here you see how a box with a 4 pixel rgb(182, 229, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 229, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 229, 134);  
box-shadow:4px 4px 4px 4px rgb(182, 229,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 51.800, 126.928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 229, 134) }
```

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

```
.background{ background-color: rgb(182,  
229, 134) }
```

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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