

Converting Colors

CIELCh(86, 47.195, 123.873)

Have a look what the booklet for
CIELCh(86, 47.195, 123.873)
contains.

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Color

CIELCh(86, 47.163, 123.881)

Conversions

Conversions Part 1

Format	Color
Hex	BFE38B
RGB	191, 227, 139
RGB Percent	75%, 89%, 55%
CMY	0.2504, 0.1092, 0.4543
CMYK	0.16, 0.00, 0.39, 0.11
HSL	85°, 61%, 72%
HSV	85°, 39%, 89%
XYZ	53.7061, 67.9871, 34.7734
YIQ	206.2040, 6.7920, -35.0000

Conversions

Conversions Part 2

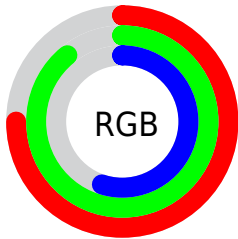
Format	Color
RYB	139, 227, 175
Decimal	12575627
CIELab	86.00, -26.29, 39.15
CIELCh	86, 47.163, 123.881
Yxy	67.9871, 0.3432, 0.4345
Android (android.graphics.Color)	4290765707 (0xFFBFE38B)
YUV	206.2040, -33.1316, -13.3339
Hunter-Lab	82.4543, -28.0301, 32.7137

Details

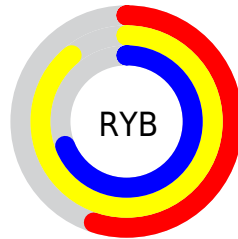
The CIELCh color **86, 47.163, 123.881** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 50.491, 308.088**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 31.354, 112.653**, and **66, 47.069, 123.742** is the 20% darker color. If you saturate the color by 10%, you get **85, 58.692, 123.430**, and if you desaturate by 10%, it is **87, 35.211, 124.387**.

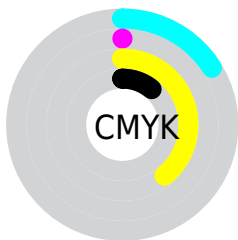
Distribution



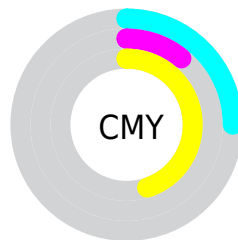
- Red (75%)
- Green (89%)
- Blue (55%)



- Red (55%)
- Yellow (89%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (39%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 47.163, 123.881 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, 47.163, 123.881 by changing the saturation by 10% instead.

■ 86, 47.163,
123.881

■ 86, 47.163,
123.881

■ 100, 47.163,
123.881

■ 76, 47.163,
123.881

■ 66, 47.163,
123.881

■ 56, 47.163,
123.881

■ 46, 47.163,
123.881

■ 36, 47.163,
123.881

■ 26, 47.163,
123.881

■ 16, 47.163,

123.881

■ 6, 47.163, 123.881

■ 0, 47.163, 123.881

■ 86, 47.163,
123.881

■ 86, 47.163,
123.881

■ 85, 58.692,
123.430

■ 87, 35.211,
124.387

■ 84, 69.507,
123.087

■ 88, 23.025,
124.905

■ 84, 79.202,
122.941

■ 89, 10.741,
125.417

■ 83, 87.258,
123.109

■ 90, 1.551, 305.829

■ 82, 93.158,

■ 92, 13.785,
306.337

123.714

93, 16.015,
316.484

82, 96.795,
124.791

93, 17.405,
325.028

82, 97.186,
124.933

Harmonies

Complementary

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



86, 47.163, 123.881



64, 50.491, 308.088

Rectangle

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



86, 47.163, 123.881



86, 47.163, 173.881



86, 47.163, 303.881



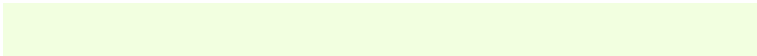
86, 47.163, 353.881

Sweetspot

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



86, 47.165, 123.883



98, 16.193, 125.248



75, 29.430, 60.041



52, 10.741, 125.180



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, 47.165, 123.883



95, 61.026, 123.533



84, 54.322, 139.214



48, 7.035, 125.380



66, 80.980, 124.674



19, 31.420, 124.146

Inverse Universe

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



64, 50.491, 308.088



66, 66.369, 308.601



69, 54.672, 323.560



44, 7.150, 306.298



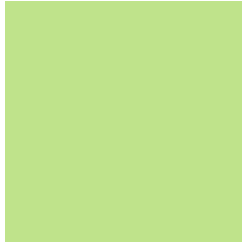
26, 97.301, 310.058



4, 35.072, 307.835

Previews

White Background



This preview shows how the CIELCh color 86, 47.163, 123.881 looks on a white background.

Color Contrast Check

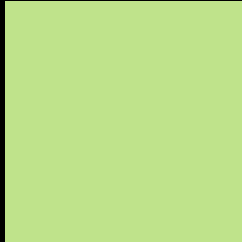
Large Text (above 18pt) WCAG AA × Fail

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, 47.163, 123.881 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, 47.163, 123.881

Background



This preview shows how black text looks on a background with the CIELCh color 86, 47.163, 123.881.

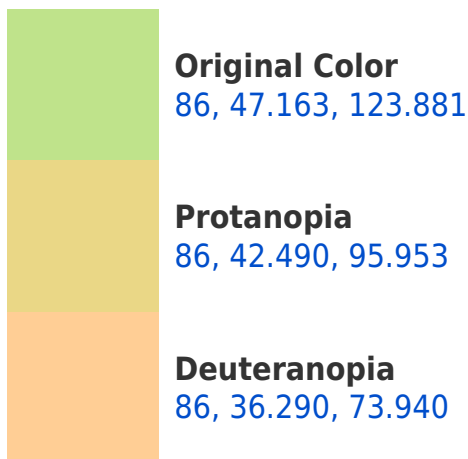


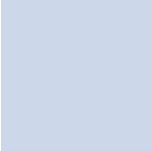
This preview shows how white text looks on a background with the CIELCh color 86, 47.163, 123.881.

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](#).

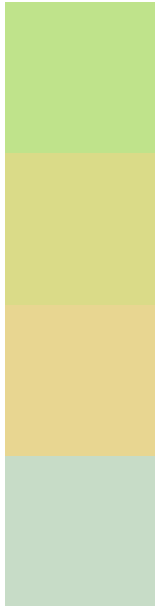
Dichromacy





Tritanopia
86, 9.743, 265.891

Trichromacy



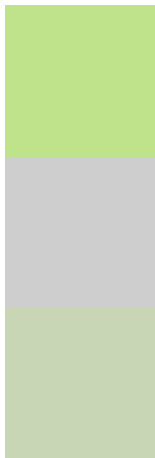
Original Color
86, 47.163, 123.881

Protanomaly
86, 42.572, 107.072

Deuteranomaly
86, 36.514, 95.513

Tritanomaly
86, 13.469, 143.899

Monochromacy



Original Color
86, 47.163, 123.881

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 17.494, 124.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 47.163, 123.881 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(191, 227, 139)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 139)  
}
```

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(191, 227, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 47.163, 123.881 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(191, 227, 139) }
```

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

```
.border{ border-color:rgb(191, 227, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 139);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 47.163, 123.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 139) }
```

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

```
.background{ background-color: rgb(191,  
227, 139) }
```

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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