

Converting Colors

CIELCh(86, 52.676, 126.502)

Have a look what the booklet for
CIELCh(86, 52.676, 126.502)
contains.

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Color

CIELCh(86, 52.566, 126.147)

Conversions

Conversions Part 1

Format	Color
Hex	B7E584
RGB	183, 229, 132
RGB Percent	72%, 90%, 52%
CMY	0.2812, 0.1007, 0.4812
CMYK	0.20, 0.00, 0.42, 0.10
HSL	88°, 65%, 71%
HSV	88°, 42%, 90%
XYZ	51.8894, 67.9871, 32.3207
YIQ	204.1880, 3.7210, -39.9190

Conversions

Conversions Part 2

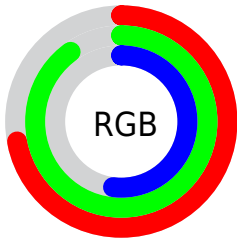
Format	Color
RYB	132, 229, 178
Decimal	12051844
CIELab	86.00, -31.01, 42.45
CIELCh	86, 52.566, 126.147
Yxy	67.9871, 0.3409, 0.4467
Android (android.graphics.Color)	4290241924 (0xFFB7E584)
YUV	204.1880, -35.5887, -18.5819
Hunter-Lab	82.4543, -31.9630, 34.4773

Details

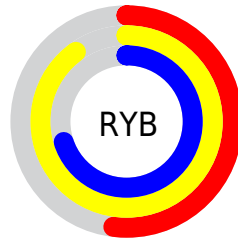
The CIELCh color **86, 52.566, 126.147** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **63, 56.139, 310.391**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 35.210, 116.845**, and **66, 52.556, 126.069** is the 20% darker color. If you saturate the color by 10%, you get **85, 64.191, 125.735**, and if you desaturate by 10%, it is **87, 40.429, 126.624**.

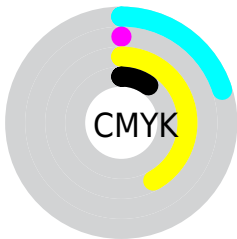
Distribution



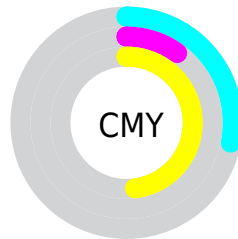
- Red (72%)
- Green (90%)
- Blue (52%)



- Red (52%)
- Yellow (90%)
- Blue (70%)



- Cyan (20%)
- Magenta (0%)
- Yellow (42%)
- Black (10%)





- Cyan (28%)
- Magenta (10%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 52.566, 126.147 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, 52.566, 126.147 by changing the saturation by 10% instead.


 86, 52.566,
126.147


 86, 52.566,
126.147


 100, 52.566,
126.147


 76, 52.566,
126.147

 66, 52.566,
126.147

 56, 52.566,
126.147

 46, 52.566,
126.147

 36, 52.566,
126.147


 26, 52.566,
126.147

 16, 52.566,


126.147

 6, 52.566, 126.147

 0, 52.566, 126.147

 86, 52.566,
126.147

 86, 52.566,
126.147


 85, 64.191,
125.735


 87, 40.429,
126.624

 84, 74.968,
125.455

 88, 28.006,
127.119

 84, 84.441,
125.408

 89, 15.456,
127.607

 83, 92.061,
125.721

 91, 2.887, 128.102

 82, 97.371,

 92, 9.622, 308.476

126.511

93, 14.918,
317.678

82, 100.049,
127.395

94, 16.052,
324.980

Harmonies

Complementary

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



86, 52.566, 126.147



63, 56.139, 310.391

Rectangle

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



86, 52.566, 126.147



86, 52.566, 176.147



86, 52.566, 306.147



86, 52.566, 356.147

Sweetspot

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



86, 52.568, 126.148



98, 17.791, 127.571



76, 33.063, 66.696



52, 12.451, 127.463



0, 0.000, 0.000



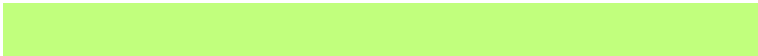
53, 0.007, 296.813

Same Dimension

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



86, 52.568, 126.148



94, 68.317, 125.773



83, 60.797, 140.436



48, 7.132, 127.744



65, 82.743, 127.124



18, 32.040, 126.649

Inverse Universe

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



63, 56.139, 310.391



64, 74.144, 310.902



68, 60.798, 325.710



45, 7.236, 308.589



27, 95.984, 311.355



4, 35.468, 310.119

Previews

White Background



This preview shows how the CIELCh color 86, 52.566, 126.147 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, 52.566, 126.147 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, 52.566, 126.147

Background



This preview shows how black text looks on a background with the CIELCh color 86, 52.566, 126.147.

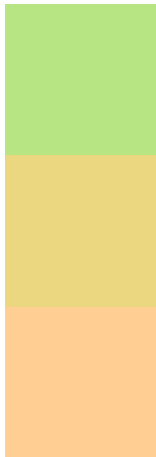


This preview shows how white text looks on a background with the CIELCh color 86, 52.566, 126.147.

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](#).

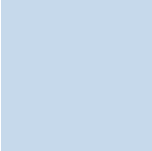
Dichromacy



Original Color
86, 52.566, 126.147

Protanopia
86, 45.975, 95.864

Deuteranopia
86, 37.630, 75.016



Tritanopia
86, 11.302, 256.131

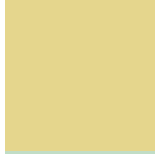
Trichromacy



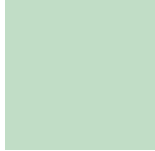
Original Color
86, 52.566, 126.147



Protanomaly
86, 46.480, 108.216



Deuteranomaly
85, 38.266, 97.697

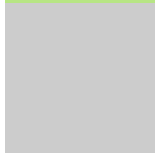


Tritanomaly
86, 15.863, 148.977

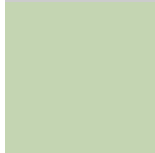
Monochromacy



Original Color
86, 52.566, 126.147



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 19.488, 127.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 52.566, 126.147 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(183, 229, 132)` looks like.

```
.text, #text, p{  
    color:rgb(183, 229, 132)  
}
```

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(183, 229, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 229, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 52.566, 126.147 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(183, 229, 132) }
```

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

```
.border{ border-color:rgb(183, 229, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 229, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 229, 132); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 229, 132); box-shadow:4px 4px 4px 4px rgb(183, 229, 132) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 52.566, 126.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 229, 132) }
```

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

```
.background{ background-color: rgb(183,  
229, 132) }
```

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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