

Converting Colors

CIELCh(86, 56.351, 126.248)

Have a look what the booklet for
CIELCh(86, 56.351, 126.248)
contains.

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Color

CIELCh(86, 56.244, 126.257)

Conversions

Conversions Part 1

Format	Color
Hex	B4E67E
RGB	180, 230, 126
RGB Percent	71%, 90%, 49%
CMY	0.2931, 0.0970, 0.5049
CMYK	0.22, 0.00, 0.45, 0.10
HSL	89°, 68%, 70%
HSV	89°, 45%, 90%
XYZ	51.0345, 67.9871, 30.2542
YIQ	203.1940, 3.5840, -42.9440

Conversions

Conversions Part 2

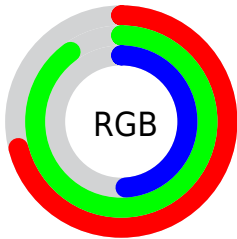
Format	Color
RYB	126, 230, 176
Decimal	11855486
CIELab	86.00, -33.26, 45.35
CIELCh	86, 56.244, 126.257
Yxy	67.9871, 0.3419, 0.4554
Android (android.graphics.Color)	4290045566 (0xFFB4E67E)
YUV	203.1940, -38.0566, -20.3411
Hunter-Lab	82.4543, -33.8137, 35.9632

Details

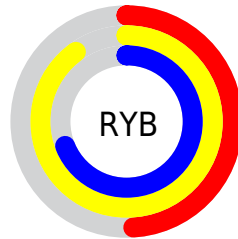
The CIELCh color **86, 56.244, 126.257** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **62, 60.307, 310.761**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 38.336, 117.627**, and **66, 56.188, 126.168** is the 20% darker color. If you saturate the color by 10%, you get **85, 67.727, 125.874**, and if you desaturate by 10%, it is **87, 44.164, 126.722**.

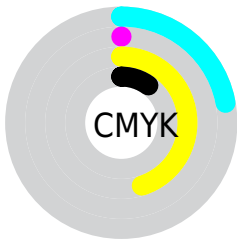
Distribution



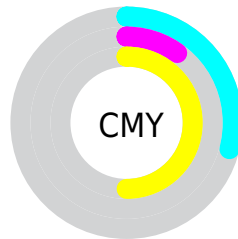
- Red (71%)
- Green (90%)
- Blue (49%)



- Red (49%)
- Yellow (90%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)





- Cyan (29%)
- Magenta (10%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 56.244, 126.257 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, 56.244, 126.257 by changing the saturation by 10% instead.


 86, 56.244,
126.257


 86, 56.244,
126.257


 100, 56.244,
126.257


 76, 56.244,
126.257

 66, 56.244,
126.257

 56, 56.244,
126.257

 46, 56.244,
126.257

 36, 56.244,
126.257


 26, 56.244,
126.257


 16, 56.244,


126.257

 6, 56.244, 126.257

 0, 56.244, 126.257


 86, 56.244,
126.257

 86, 56.244,
126.257


 85, 67.727,
125.874


 87, 44.164,
126.722

 84, 78.240,
125.648

 88, 31.739,
127.213

 84, 87.289,
125.689

 89, 19.149,
127.703

 83, 94.325,
126.128

 91, 6.514, 128.182

 82, 98.970,

 92, 6.078, 308.578

127.063

93, 14.044,
314.963

82, 100.584,
127.626

94, 15.452,
324.958

Harmonies

Complementary

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



86, 56.244, 126.257



62, 60.307, 310.761

Rectangle

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



86, 56.244, 126.257



86, 56.244, 176.257



86, 56.244, 306.257



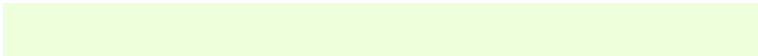
86, 56.244, 356.257

Sweetspot

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



86, 56.246, 126.258



98, 19.190, 127.756



75, 35.689, 66.356



52, 13.249, 127.651



0, 0.000, 0.000



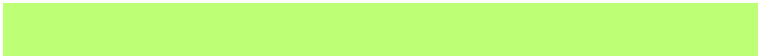
53, 0.007, 296.813

Same Dimension

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



86, 56.246, 126.258



93, 72.113, 125.903



83, 64.896, 140.155



48, 7.142, 127.977



65, 82.920, 127.352



18, 32.104, 126.886

Inverse Universe

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



62, 60.307, 310.761



62, 78.582, 311.260



67, 64.849, 325.839



45, 7.245, 308.816



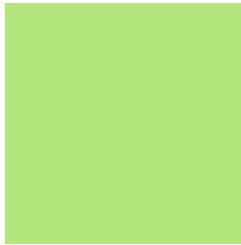
27, 95.850, 311.496



4, 35.508, 310.351

Previews

White Background



This preview shows how the CIELCh color 86, 56.244, 126.257 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, 56.244, 126.257 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, 56.244, 126.257

Background



This preview shows how black text looks on a background with the CIELCh color 86, 56.244, 126.257.

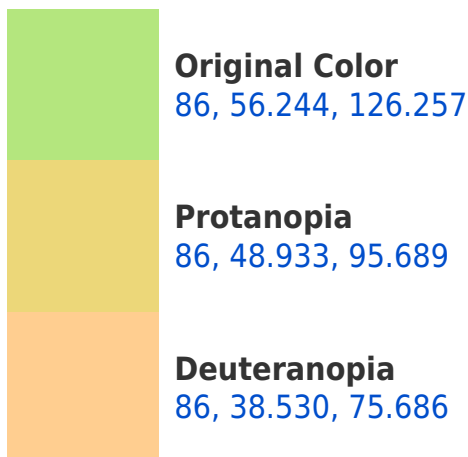


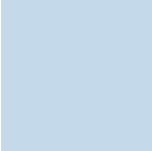
This preview shows how white text looks on a background with the CIELCh color 86, 56.244, 126.257.

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, 11.469, 250.361

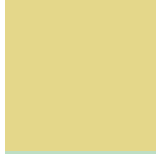
Trichromacy



Original Color
86, 56.244, 126.257



Protanomaly
86, 49.828, 108.289



Deuteranomaly
85, 40.093, 99.117

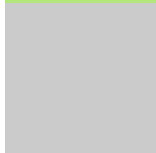


Tritanomaly
86, 18.423, 148.114

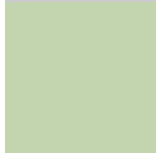
Monochromacy



Original Color
86, 56.244, 126.257



Achromatopsia
82, 0.010, 296.813



Achromatomaly
83, 21.099, 127.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 56.244, 126.257 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(180, 230, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 230, 126)  
}
```

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(180, 230, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 230, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 56.244, 126.257 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(180, 230, 126) }
```

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

```
.border{ border-color:rgb(180, 230, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 230, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 230, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 230, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 230,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 56.244, 126.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 230, 126) }
```

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

```
.background{ background-color: rgb(180,  
230, 126) }
```

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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