

Converting Colors

CIELCh(86, 29.789, 143.701)

Have a look what the booklet for
CIELCh(86, 29.789, 143.701)
contains.

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Color

CIELCh(86, 29.680, 143.666)

Conversions

Conversions Part 1

Format	Color
Hex	B4E3B5
RGB	180, 227, 181
RGB Percent	71%, 89%, 71%
CMY	0.2941, 0.1097, 0.2901
CMYK	0.21, 0.00, 0.20, 0.11
HSL	121°, 46%, 80%
HSV	121°, 21%, 89%
XYZ	54.6401, 67.9871, 53.9663
YIQ	207.7030, -13.2460, -24.2700

Conversions

Conversions Part 2

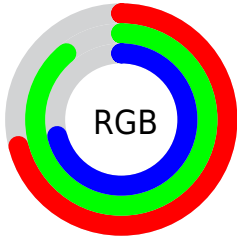
Format	Color
RYB	180, 226, 227
Decimal	11854773
CIELab	86.00, -23.91, 17.59
CIELCh	86, 29.680, 143.666
Yxy	67.9871, 0.3094, 0.3850
Android (android.graphics.Color)	4290044853 (0xFFB4E3B5)
YUV	207.7030, -13.1646, -24.2955
Hunter-Lab	82.4543, -26.0082, 18.9127

Details

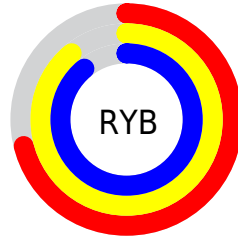
The CIELCh color **86, 29.680, 143.666** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 29.704, 326.152**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.415, 145.467**, and **66, 29.495, 143.880** is the 20% darker color. If you saturate the color by 10%, you get **84, 43.975, 142.830**, and if you desaturate by 10%, it is **88, 15.284, 144.388**.

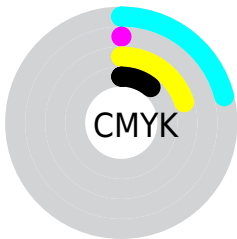
Distribution



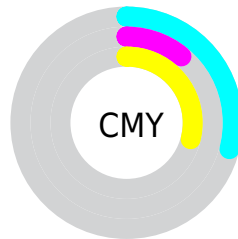
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 29.680, 143.666 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, 29.680, 143.666 by changing the saturation by 10% instead.

 86, 29.680,
143.666

 86, 29.680,
143.666

 100, 29.680,
143.666

 76, 29.680,
143.666

 66, 29.680,
143.666

 56, 29.680,
143.666

 46, 29.680,
143.666

 36, 29.680,
143.666

 26, 29.680,
143.666

 16, 29.680,


143.666


 6, 29.680, 143.666


 0, 29.680, 143.666

 86, 29.680,
143.666


 86, 29.680,
143.666


 84, 43.975,
142.830


 88, 15.284,
144.388


 83, 57.885,
141.867

 90, 0.990, 145.265

 82, 71.057,
140.785

 92, 13.053,
325.462

 81, 83.055,
139.617

 93, 17.494,
325.031

 80, 93.368,

138.439

■ 79, 101.442,
137.371

■ 79, 106.803,
136.561

■ 79, 109.346,
136.150

Harmonies

Complementary

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



86, 29.680, 143.666



79, 29.704, 326.152

Rectangle

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



86, 29.680, 143.666



86, 29.680, 193.666



86, 29.680, 323.666



86, 29.680, 13.666

Sweetspot

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



86, 29.682, 143.666



99, 9.380, 144.697



89, 24.243, 108.880



52, 6.225, 144.653



0, 0.000, 0.000



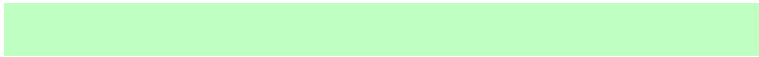
53, 0.007, 296.813

Same Dimension

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



86, 29.682, 143.666



95, 39.392, 143.309



87, 20.590, 162.717



47, 8.174, 144.471



63, 91.249, 136.196



17, 36.370, 139.189

Inverse Universe

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



79, 29.704, 326.152



85, 39.408, 326.398



78, 21.178, 346.412



45, 8.187, 325.515



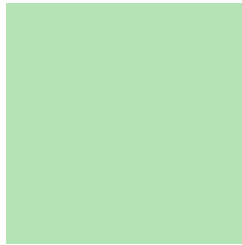
42, 86.970, 329.094



8, 36.590, 328.958

Previews

White Background



This preview shows how the CIELCh color 86, 29.680, 143.666 looks on a white background.

Color Contrast Check

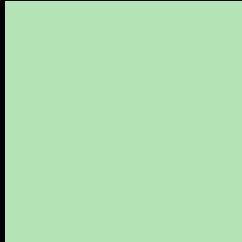
Large Text (above 18pt) WCAG AA × Fail

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, 29.680, 143.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

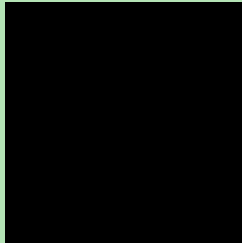
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

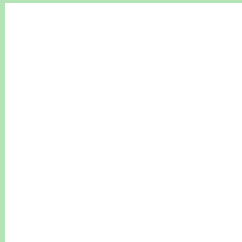
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 29.680, 143.666

Background



This preview shows how black text looks on a background with the CIELCh color 86, 29.680, 143.666.

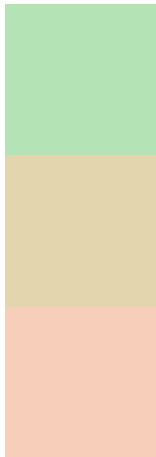


This preview shows how white text looks on a background with the CIELCh color 86, 29.680, 143.666.

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](#).

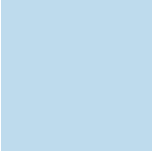
Dichromacy



Original Color
86, 29.680, 143.666

Protanopia
86, 20.969, 94.453

Deuteranopia
86, 19.151, 55.025

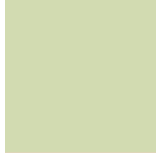


Tritanopia
86, 13.342, 244.231

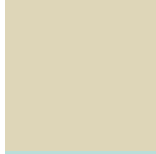
Trichromacy



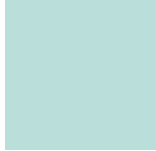
Original Color
86, 29.680, 143.666



Protanomaly
86, 22.128, 117.265



Deuteranomaly
86, 15.960, 97.770

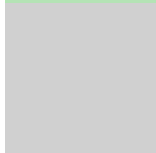


Tritanomaly
86, 12.835, 186.704

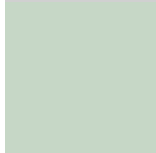
Monochromacy



Original Color
86, 29.680, 143.666



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 10.938, 144.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 29.680, 143.666 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, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 227, 181)  
}
```

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, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 227, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 29.680, 143.666 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, 227, 181) }
```

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

```
.border{ border-color:rgb(180, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 227, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 227, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 227,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 29.680, 143.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 227, 181) }
```

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

```
.background{ background-color: rgb(180,  
227, 181) }
```

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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