

Converting Colors

CIELCh(86, 33.098, 143.934)

Have a look what the booklet for
CIELCh(86, 33.098, 143.934)
contains.

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Color

CIELCh(86, 33.076, 143.909)

Conversions

Conversions Part 1

Format	Color
Hex	AFE4B1
RGB	175, 228, 177
RGB Percent	69%, 89%, 69%
CMY	0.3126, 0.1047, 0.3047
CMYK	0.23, 0.00, 0.22, 0.10
HSL	122°, 50%, 79%
HSV	122°, 23%, 90%
XYZ	53.5363, 67.9871, 52.0472
YIQ	206.3390, -15.2170, -27.0970

Conversions

Conversions Part 2

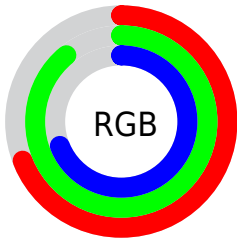
Format	Color
RYB	175, 226, 228
Decimal	11527345
CIELab	86.00, -26.73, 19.48
CIELCh	86, 33.076, 143.909
Yxy	67.9871, 0.3084, 0.3917
Android (android.graphics.Color)	4289717425 (0xFFAFE4B1)
YUV	206.3390, -14.4641, -27.4843
Hunter-Lab	82.4543, -28.3977, 20.2927

Details

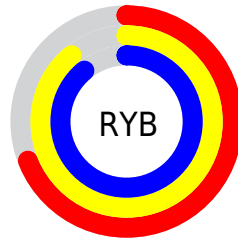
The CIELCh color **86, 33.076, 143.909** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **78, 33.101, 326.754**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 14.135, 146.219**, and **66, 33.044, 143.994** is the 20% darker color. If you saturate the color by 10%, you get **84, 47.215, 143.037**, and if you desaturate by 10%, it is **88, 18.778, 144.661**.

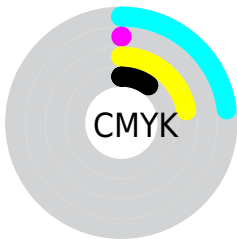
Distribution



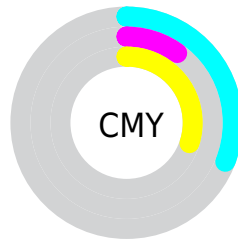
- Red (69%)
- Green (89%)
- Blue (69%)



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



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (31%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 33.076, 143.909 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, 33.076, 143.909 by changing the saturation by 10% instead.

■ 86, 33.076,
143.909

■ 86, 33.076,
143.909

■ 100, 33.076,
143.909

■ 76, 33.076,
143.909

■ 66, 33.076,
143.909

■ 56, 33.076,
143.909

■ 46, 33.076,
143.909

■ 36, 33.076,
143.909


■ 26, 33.076,
143.909


■ 16, 33.076,

143.909


 6, 33.076, 143.909


 0, 33.076, 143.909

 86, 33.076,
143.909


 86, 33.076,
143.909

 84, 47.215,
143.037


 88, 18.778,
144.661


 83, 60.899,
142.035

 90, 4.537, 145.344

 82, 73.769,
140.912

 92, 9.488, 325.785

 81, 85.387,
139.706

 94, 16.684,
325.002

 80, 95.254,

138.495

■ 80, 102.844,
137.402

■ 80, 107.742,
136.572

■ 79, 109.545,
136.250

Harmonies

Complementary

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



86, 33.076, 143.909



78, 33.101, 326.754

Rectangle

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



86, 33.076, 143.909



86, 33.076, 193.909



86, 33.076, 323.909



86, 33.076, 13.909

Sweetspot

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



86, 33.078, 143.909



98, 10.831, 145.079



89, 27.290, 109.358



52, 7.041, 145.039



0, 0.000, 0.000



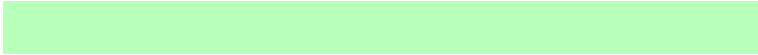
53, 0.007, 296.813

Same Dimension

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



86, 33.078, 143.909



94, 43.610, 143.493



87, 22.877, 163.366



47, 8.083, 144.918



63, 90.944, 136.334



17, 36.071, 139.470

Inverse Universe

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



78, 33.101, 326.754



83, 43.621, 327.030



77, 23.670, 347.639



45, 8.096, 325.969



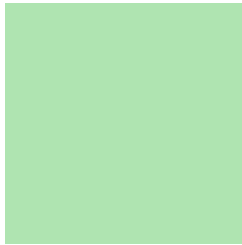
42, 85.863, 329.784



8, 36.195, 329.536

Previews

White Background



This preview shows how the CIELCh color 86, 33.076, 143.909 looks on a white background.

Color Contrast Check

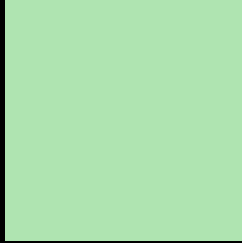
Large Text (above 18pt) WCAG AA × Fail

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, 33.076, 143.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

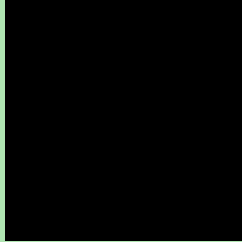
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

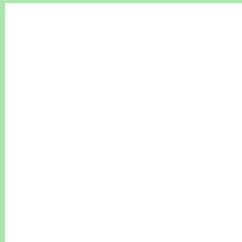
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 33.076, 143.909

Background



This preview shows how black text looks on a background with the CIELCh color 86, 33.076, 143.909.

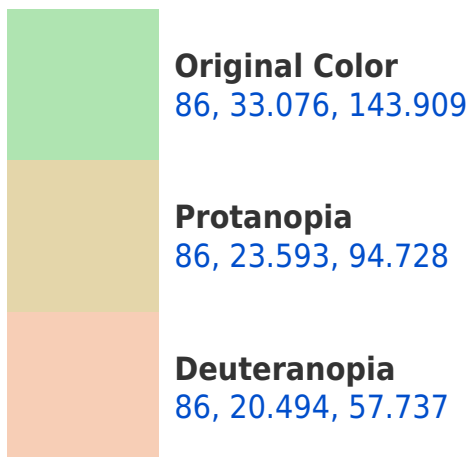


This preview shows how white text looks on a background with the CIELCh color 86, 33.076, 143.909.

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, 14.494, 239.703

Trichromacy



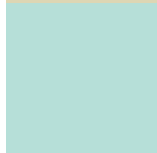
Original Color
86, 33.076, 143.909



Protanomaly
86, 24.229, 117.268



Deuteranomaly
85, 17.950, 100.016

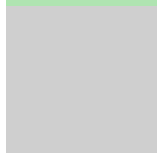


Tritanomaly
86, 14.745, 183.925

Monochromacy



Original Color
86, 33.076, 143.909



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 12.448, 145.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 33.076, 143.909 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(175, 228, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 228, 177)  
}
```

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(175, 228, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 228, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 33.076, 143.909 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(175, 228, 177) }
```

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

```
.border{ border-color:rgb(175, 228, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 228, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 228, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 228, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 228,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 33.076, 143.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 228, 177) }
```

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

```
.background{ background-color: rgb(175,  
228, 177) }
```

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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