

Converting Colors

CIELCh(86, 27.239, 144.454)

Have a look what the booklet for
CIELCh(86, 27.239, 144.454)
contains.

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Color

CIELCh(86, 27.345, 144.420)

Conversions

Conversions Part 1	
Format	Color
Hex	B6E2B8
RGB	182, 226, 184
RGB Percent	71%, 89%, 72%
CMY	0.2853, 0.1127, 0.2774
CMYK	0.19, 0.00, 0.19, 0.11
HSL	123°, 43%, 80%
HSV	123°, 19%, 89%
XYZ	55.3011, 67.9871, 55.6976
YIQ	208.0560, -12.7420, -22.3900

Conversions

Conversions Part 2

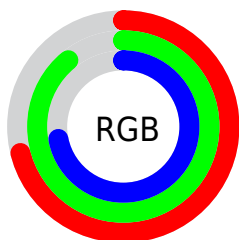
Format	Color
RYB	182, 224, 226
Decimal	11985592
CIELab	86.00, -22.24, 15.91
CIELCh	86, 27.345, 144.420
Yxy	67.9871, 0.3090, 0.3798
Android (android.graphics.Color)	4290175672 (0xFFB6E2B8)
YUV	208.0560, -11.8596, -22.8511
Hunter-Lab	82.4543, -24.5772, 17.6678

Details

The CIELCh color **86, 27.345, 144.420** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **79, 27.375, 326.762**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.753, 147.442**, and **66, 27.697, 144.685** is the 20% darker color. If you saturate the color by 10%, you get **84, 41.398, 143.593**, and if you desaturate by 10%, it is **88, 13.226, 145.134**.

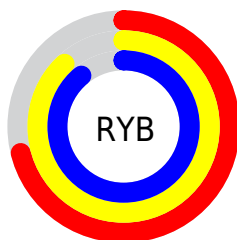
Distribution



Red (71%)

Green (89%)

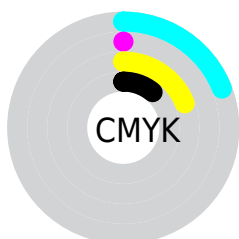
Blue (72%)



Red (71%)

Yellow (88%)

Blue (89%)

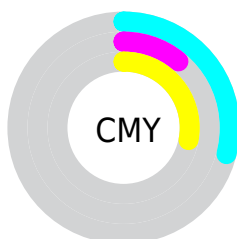


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (29%)


Magenta (11%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 27.345, 144.420 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, 27.345, 144.420 by changing the saturation by 10% instead.


 86, 27.345,
144.420


 86, 27.345,
144.420


 100, 27.345,
144.420


 76, 27.345,
144.420

 66, 27.345,
144.420

 56, 27.345,
144.420

 46, 27.345,
144.420

 36, 27.345,
144.420


 26, 27.345,
144.420


 16, 27.345,


144.420


 6, 27.345, 144.420


 0, 27.345, 144.420

 86, 27.345,
144.420


 86, 27.345,
144.420


 84, 41.398,
143.593


 88, 13.226,
145.134


 83, 55.124,
142.638

 90, 0.772, 325.328

 82, 68.196,
141.554


 92, 14.511,
326.195


 81, 80.218,
140.364


 93, 17.963,
325.048


 80, 90.727,

139.126

 79, 99.219,
137.943

 79, 105.226,
136.954

 79, 108.556,
136.318

 79, 108.674,
136.302

Harmonies

Complementary

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



86, 27.345, 144.420



79, 27.375, 326.762

Rectangle

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



86, 27.345, 144.420



86, 27.345, 194.420



86, 27.345, 324.420



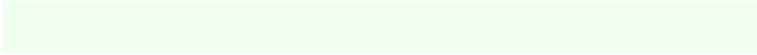
86, 27.345, 14.420

Sweetspot

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



86, 27.347, 144.420



99, 9.226, 145.362



89, 22.734, 109.706



52, 6.123, 145.318



0, 0.000, 0.000



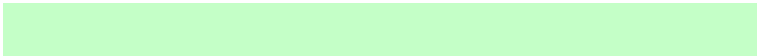
53, 0.007, 296.813

Same Dimension

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



86, 27.347, 144.420



95, 35.647, 144.128



86, 19.063, 163.753



46, 7.893, 145.135



63, 89.822, 136.406



16, 34.458, 140.236

Inverse Universe

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



79, 27.375, 326.762



86, 35.675, 326.972



79, 19.616, 347.241



44, 7.906, 326.186



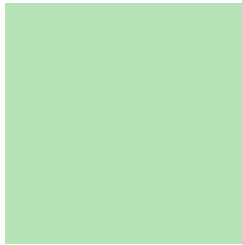
41, 84.441, 330.117



8, 34.852, 329.789

Previews

White Background



This preview shows how the CIE LCh color 86, 27.345, 144.420 looks on a white background.

Color Contrast Check

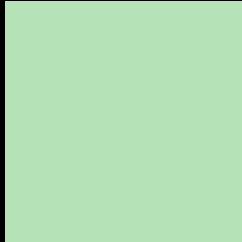
Large Text (above 18pt) WCAG AA × Fail

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, 27.345, 144.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

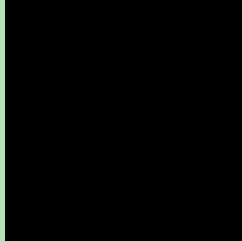
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

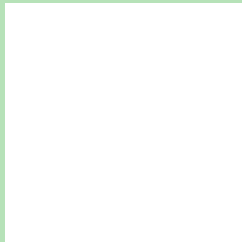
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 27.345, 144.420

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.345, 144.420.

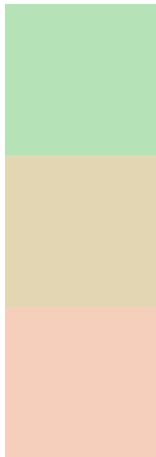


This preview shows how white text looks on a background with the CIELCh color 86, 27.345, 144.420.

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, 27.345, 144.420

Protanopia

86, 19.454, 93.546

Deuteranopia


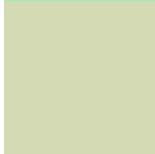

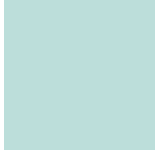
86, 17.824, 53.888



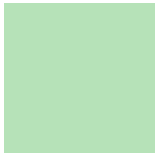
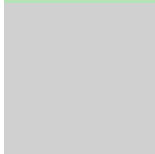

Tritanopia

86, 13.118, 245.236

Trichromacy

	Original Color 86, 27.345, 144.420
	Protanomaly 86, 19.980, 116.162
	Deuteranomaly 86, 14.424, 96.771
	Tritanomaly 86, 12.048, 188.536

Monochromacy

	Original Color 86, 27.345, 144.420
	Achromatopsia 83, 0.010, 296.813
	Achromatomaly 84, 10.290, 144.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.345, 144.420 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(182, 226, 184)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 184)  
}
```

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(182, 226, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.345, 144.420 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(182, 226, 184) }
```

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

```
.border{ border-color:rgb(182, 226, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 184);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.345, 144.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 184) }
```

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

```
.background{ background-color: rgb(182,  
226, 184) }
```

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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