

Converting Colors

CIELCh(86, 16.867, 166.657)

Have a look what the booklet for
CIELCh(86, 16.867, 166.657)
contains.

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Color

CIELCh(86, 16.847, 166.289)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0CF
RGB	184, 224, 207
RGB Percent	72%, 88%, 81%
CMY	0.2785, 0.1217, 0.1883
CMYK	0.18, 0.00, 0.08, 0.12
HSL	154°, 39%, 80%
HSV	154°, 18%, 88%
XYZ	57.6683, 67.9871, 69.0975
YIQ	210.1020, -18.3830, -13.7670

Conversions

Conversions Part 2

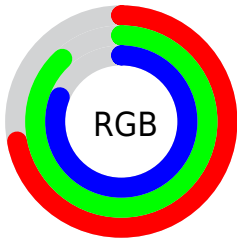
Format	Color
RYB	184, 209, 224
Decimal	12116175
CIELab	86.00, -16.37, 3.99
CIELCh	86, 16.847, 166.289
Yxy	67.9871, 0.2961, 0.3491
Android (android.graphics.Color)	4290306255 (0xFFB8E0CF)
YUV	210.1020, -1.5293, -22.8915
Hunter-Lab	82.4543, -19.4526, 8.0324

Details

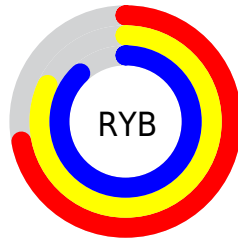
The CIELCh color **86, 16.847, 166.289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 17.389, 349.550**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.163, 199.206**, and **66, 17.072, 166.668** is the 20% darker color. If you saturate the color by 10%, you get **84, 26.082, 165.229**, and if you desaturate by 10%, it is **88, 7.436, 167.271**.

Distribution



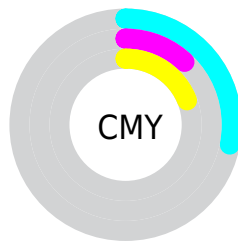
- Red (72%)
- Green (88%)
- Blue (81%)



- Red (72%)
- Yellow (82%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)




- Cyan (28%)
- Magenta (12%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 16.847, 166.289 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, 16.847, 166.289 by changing the saturation by 10% instead.


 86, 16.847,
166.289

 86, 16.847,
166.289


 100, 16.847,
166.289


 76, 16.847,
166.289


 66, 16.847,
166.289

 56, 16.847,
166.289

 46, 16.847,
166.289

 36, 16.847,
166.289


 26, 16.847,
166.289


 16, 16.847,


166.289

 6, 16.847, 166.289


 0, 16.847, 166.289

 86, 16.847,
166.289


 86, 16.847,
166.289


 84, 26.082,
165.229


 88, 7.436, 167.271


 83, 34.993,
164.061

 90, 2.033, 347.845

 82, 43.422,
162.754

 92, 11.460,
348.837

 81, 51.210,
161.283

 92, 15.510,
335.966

 80, 58.218,

 92, 19.228,
325.468

159.624

92, 19.407,
325.099

80, 64.350,
157.755

79, 69.578,
155.672

79, 73.989,
153.407

79, 74.885,
152.930

Harmonies

Complementary

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



86, 16.847, 166.289



79, 17.389, 349.550

Rectangle

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



86, 16.847, 166.289



86, 16.847, 216.289



86, 16.847, 346.289



86, 16.847, 36.289

Sweetspot

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



86, 16.849, 166.286



99, 5.254, 167.560



87, 22.512, 130.582



53, 3.585, 167.485



0, 0.000, 0.000



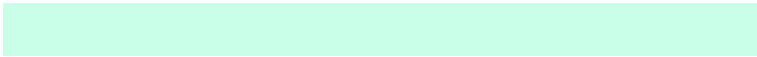
53, 0.007, 296.813

Same Dimension

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



86, 16.849, 166.286



96, 21.966, 165.949



86, 12.785, 204.893



46, 5.380, 167.116



63, 62.050, 153.333



17, 23.505, 157.783

Inverse Universe

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



79, 17.389, 349.550



86, 22.803, 349.905



79, 14.414, 26.129



44, 5.474, 348.692



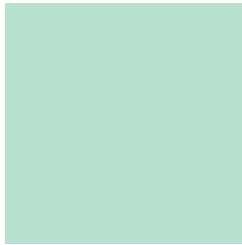
37, 63.979, 9.038



6, 25.829, 0.075

Previews

White Background



This preview shows how the CIELCh color 86, 16.847, 166.289 looks on a white background.

Color Contrast Check

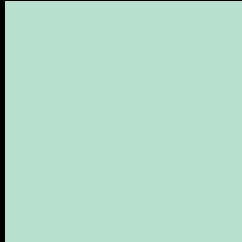
Large Text (above 18pt) WCAG AA × Fail

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, 16.847, 166.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

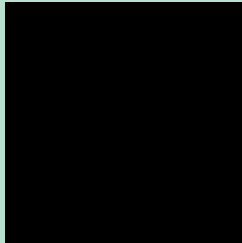
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

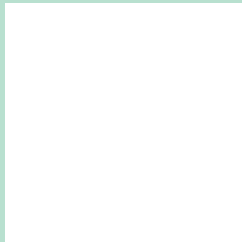
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 16.847, 166.289

Background



This preview shows how black text looks on a background with the CIELCh color 86, 16.847, 166.289.

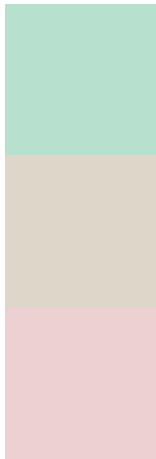


This preview shows how white text looks on a background with the CIELCh color 86, 16.847, 166.289.

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](#).

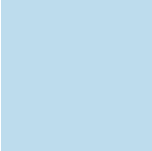
Dichromacy



Original Color
86, 16.847, 166.289

Protanopia
86, 7.402, 85.893

Deuteranopia
86, 10.784, 14.627



Tritanopia
86, 13.468, 240.544

Trichromacy



Original Color
86, 16.847, 166.289

Protanomaly
86, 8.686, 134.402

Deuteranomaly
86, 2.979, 80.555

Tritanomaly
86, 11.830, 211.547

Monochromacy



Original Color
86, 16.847, 166.289

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 5.974, 167.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 16.847, 166.289 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(184, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(184, 224, 207)  
}
```

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(184, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 16.847, 166.289 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(184, 224, 207) }
```

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

```
.border{ border-color:rgb(184, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 16.847, 166.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 207) }
```

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

```
.background{ background-color: rgb(184,  
224, 207) }
```

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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