

Converting Colors

CIELCh(86, 19.409, 154.611)

Have a look what the booklet for
CIELCh(86, 19.409, 154.611)
contains.

CIELCh(86, 19.057, 154.756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(86, 19.057, 154.756)

Conversions

Conversions Part 1

Format	Color
Hex	BAE0C7
RGB	186, 224, 199
RGB Percent	73%, 88%, 78%
CMY	0.2700, 0.1209, 0.2190
CMYK	0.17, 0.00, 0.11, 0.12
HSL	141°, 38%, 80%
HSV	141°, 17%, 88%
XYZ	57.3134, 67.9871, 64.2302
YIQ	209.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

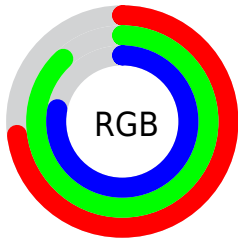
Format	Color
RYB	186, 214, 224
Decimal	12247239
CIELab	86.00, -17.24, 8.13
CIELCh	86, 19.057, 154.756
Yxy	67.9871, 0.3024, 0.3587
Android (android.graphics.Color)	4290437319 (0xFFBAE0C7)
YUV	209.7880, -5.3185, -20.8621
Hunter-Lab	82.4543, -20.2210, 11.5323

Details

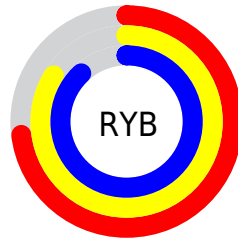
The CIELCh color **86, 19.057, 154.756** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **79, 19.238, 337.260**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.482, 199.269**, and **66, 19.424, 154.741** is the 20% darker color. If you saturate the color by 10%, you get **84, 30.280, 153.832**, and if you desaturate by 10%, it is **88, 7.789, 155.586**.

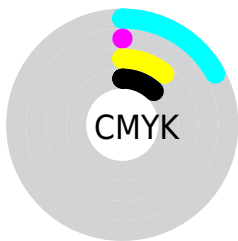
Distribution



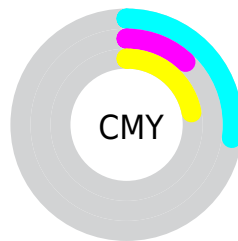
- Red (73%)
- Green (88%)
- Blue (78%)



- Red (73%)
- Yellow (84%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.057, 154.756 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, 19.057, 154.756 by changing the saturation by 10% instead.


 86, 19.057,
154.756


 86, 19.057,
154.756


 100, 19.057,
154.756


 76, 19.057,
154.756

 66, 19.057,
154.756

 56, 19.057,
154.756

 46, 19.057,
154.756

 36, 19.057,
154.756

 26, 19.057,
154.756

 16, 19.057,

154.756

■ 6, 19.057, 154.756

■ 0, 19.057, 154.756

■ 86, 19.057,
154.756

■ 86, 19.057,
154.756

■ 84, 30.280,
153.832

■ 88, 7.789, 155.586

■ 83, 41.287,
152.779

■ 90, 3.400, 336.130

■ 82, 51.890,
151.571


■ 92, 14.408,
336.844

■ 81, 61.880,
150.185

■ 93, 19.288,
325.095


■ 80, 71.053,

148.606

 79, 79.232,
146.831

 79, 86.299,
144.883

 78, 92.220,
142.824

 78, 93.854,
142.226

Harmonies

Complementary

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



86, 19.057, 154.756



79, 19.238, 337.260

Rectangle

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



86, 19.057, 154.756



86, 19.057, 204.756



86, 19.057, 334.756



86, 19.057, 24.756

Sweetspot

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



86, 19.059, 154.755



99, 6.208, 155.747



87, 20.309, 122.122



53, 4.237, 155.686



0, 0.000, 0.000



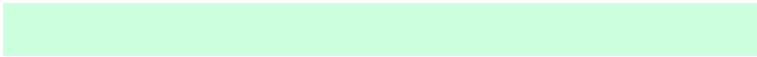
53, 0.007, 296.813

Same Dimension

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



86, 19.059, 154.755



96, 24.965, 154.473



86, 13.668, 184.383



46, 6.373, 155.382



63, 77.682, 142.587



16, 29.052, 146.886

Inverse Universe

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



79, 19.238, 337.260



87, 25.236, 337.513



79, 14.732, 7.446



44, 6.413, 336.676



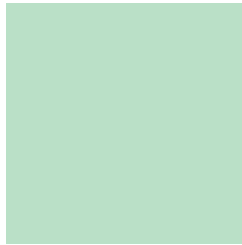
39, 68.180, 348.006



7, 28.627, 343.891

Previews

White Background



This preview shows how the CIELCh color 86, 19.057, 154.756 looks on a white background.

Color Contrast Check

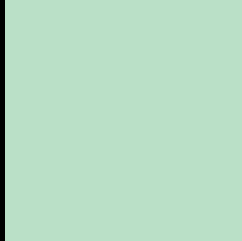
Large Text (above 18pt) WCAG AA × Fail

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, 19.057, 154.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

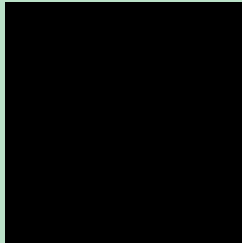
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

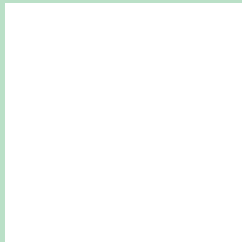
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.057, 154.756

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.057, 154.756.

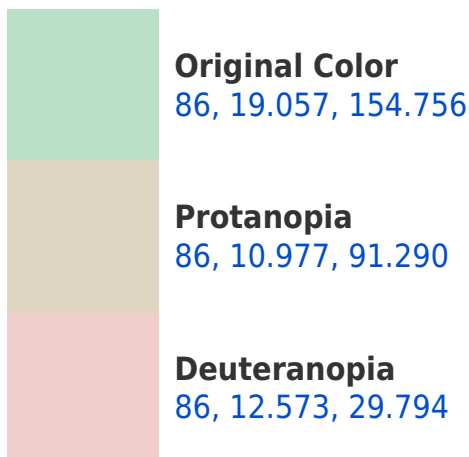


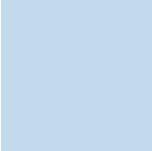
This preview shows how white text looks on a background with the CIELCh color 86, 19.057, 154.756.

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, 12.320, 245.578

Trichromacy



Original Color
86, 19.057, 154.756

Protanomaly
86, 11.886, 123.655

Deuteranomaly
86, 6.296, 85.344

Tritanomaly
86, 10.386, 204.566

Monochromacy



Original Color
86, 19.057, 154.756

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 6.969, 156.273

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.057, 154.756 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(186, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(186, 224, 199)  
}
```

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(186, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 224, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.057, 154.756 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(186, 224, 199) }
```

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

```
.border{ border-color:rgb(186, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 224, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 224, 199); box-shadow:4px 4px 4px 4px rgb(186, 224, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.057, 154.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 224, 199) }
```

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

```
.background{ background-color: rgb(186,  
224, 199) }
```

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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