

Converting Colors

CIELCh(86, 19.424, 168.978)

Have a look what the booklet for
CIELCh(86, 19.424, 168.978)
contains.

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Color

CIELCh(86, 19.439, 168.968)

Conversions

Conversions Part 1

Format	Color
Hex	B1E1CF
RGB	177, 225, 207
RGB Percent	69%, 88%, 81%
CMY	0.3043, 0.1160, 0.1867
CMYK	0.21, 0.00, 0.08, 0.12
HSL	157°, 45%, 79%
HSV	157°, 21%, 88%
XYZ	56.5666, 67.9871, 69.4277
YIQ	208.5960, -22.8300, -15.7740

Conversions

Conversions Part 2

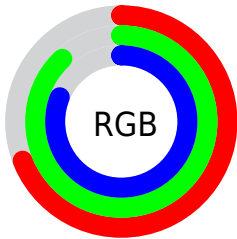
Format	Color
RYB	177, 207, 225
Decimal	11657679
CIELab	86.00, -19.08, 3.72
CIElCh	86, 19.439, 168.968
Yxy	67.9871, 0.2916, 0.3505
Android (android.graphics.Color)	4289847759 (0xFFB1E1CF)
YUV	208.5960, -0.7868, -27.7097
Hunter-Lab	82.4543, -21.8376, 7.7950

Details

The CIELCh color **86, 19.439, 168.968** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 20.366, 353.078**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 7.521, 199.018**, and **66, 19.444, 168.748** is the 20% darker color. If you saturate the color by 10%, you get **85, 28.235, 167.863**, and if you desaturate by 10%, it is **88, 10.383, 169.985**.

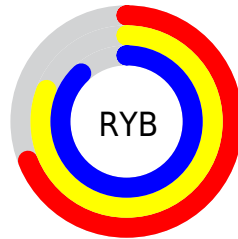
Distribution



Red (69%)

Green (88%)

Blue (81%)



Red (69%)

Yellow (81%)

Blue (88%)

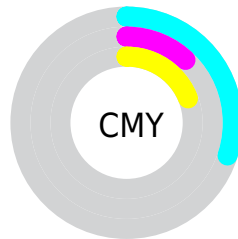


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (12%)



Cyan (30%)


Magenta (12%)

Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.439, 168.968 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, 19.439, 168.968 by changing the saturation by 10% instead.


 86, 19.439,
168.968


 86, 19.439,
168.968


 100, 19.439,
168.968


 76, 19.439,
168.968


 66, 19.439,
168.968

 56, 19.439,
168.968

 46, 19.439,
168.968

 36, 19.439,
168.968


 26, 19.439,
168.968


 16, 19.439,


168.968


 6, 19.439, 168.968


 0, 19.439, 168.968

 86, 19.439,
168.968

 86, 19.439,
168.968

 85, 28.235,
167.863


 88, 10.383,
169.985


 83, 36.618,
166.647

 89, 1.194, 171.269


 82, 44.435,
165.294

 91, 8.020, 351.645

 81, 51.536,
163.775

 92, 13.363,
342.772

 81, 57.803,

 93, 16.340,
330.536

162.068

93, 18.506,
325.067

80, 63.171,
160.154

80, 67.650,
158.028

80, 70.978,
156.068

Harmonies

Complementary

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



86, 19.439, 168.968



77, 20.366, 353.078

Rectangle

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



86, 19.439, 168.968



86, 19.439, 218.968



86, 19.439, 348.968



86, 19.439, 38.968

Sweetspot

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



86, 19.441, 168.965



99, 6.101, 170.518



86, 27.362, 132.092



53, 4.047, 170.449



0, 0.000, 0.000



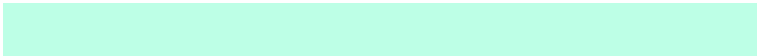
53, 0.007, 296.813

Same Dimension

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



86, 19.441, 168.965



95, 26.093, 168.440



85, 14.513, 210.260



46, 5.201, 170.171



63, 58.553, 156.476



17, 22.328, 160.841

Inverse Universe

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



77, 20.366, 353.078



83, 27.638, 353.663



78, 16.800, 30.853



44, 5.312, 351.791



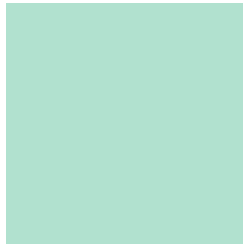
37, 64.516, 13.865



6, 25.575, 3.330

Previews

White Background



This preview shows how the CIE LCh color 86, 19.439, 168.968 looks on a white background.

Color Contrast Check

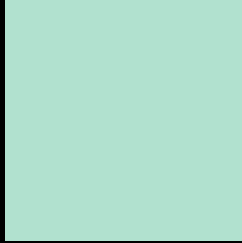
Large Text (above 18pt) WCAG AA × Fail

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, 19.439, 168.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

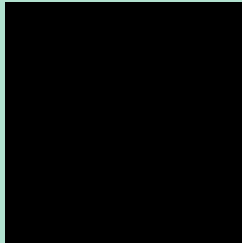
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

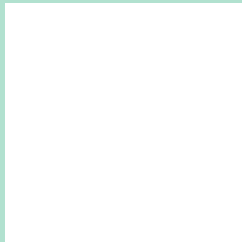
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.439, 168.968

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.439, 168.968.

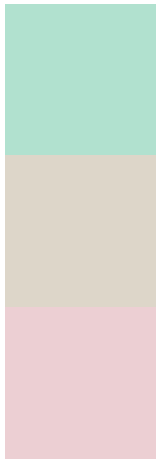


This preview shows how white text looks on a background with the CIELCh color 86, 19.439, 168.968.

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, 19.439, 168.968

Protanopia
86, 7.261, 88.601

Deuteranopia
86, 10.910, 9.165

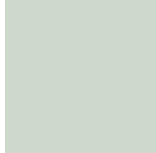


Tritanopia
86, 15.177, 234.909

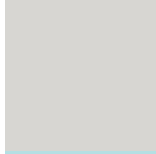
Trichromacy



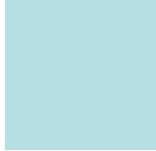
Original Color
86, 19.439, 168.968



Protanomaly
86, 9.215, 140.457



Deuteranomaly
86, 2.114, 100.065

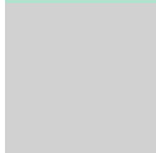


Tritanomaly
86, 14.285, 206.978

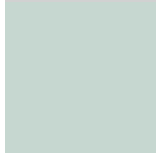
Monochromacy



Original Color
86, 19.439, 168.968



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 7.171, 168.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.439, 168.968 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(177, 225, 207)` looks like.

```
.text, #text, p{  
    color:rgb(177, 225, 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(177, 225, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 225, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.439, 168.968 is called "border". The border property can be set on classes, ids or directly on the HTML element.

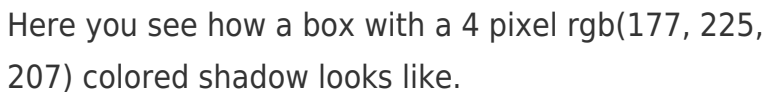
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 225, 207) }
```

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

```
.border{ border-color:rgb(177, 225, 207) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 225, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 225, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 225, 207); box-shadow:4px 4px 4px 4px rgb(177, 225, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.439, 168.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 225, 207) }
```

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

```
.background{ background-color: rgb(177,  
225, 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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