

Converting Colors

CIELCh(86, 19.883, 161.716)

Have a look what the booklet for
CIELCh(86, 19.883, 161.716)
contains.

CIELCh(86, 19.560, 161.945)	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, 19.560, 161.945)

Conversions

Conversions Part 1

Format	Color
Hex	B5E1CB
RGB	181, 225, 203
RGB Percent	71%, 88%, 80%
CMY	0.2902, 0.1176, 0.2039
CMYK	0.20, 0.00, 0.10, 0.12
HSL	150°, 42%, 80%
HSV	150°, 20%, 88%
XYZ	56.7617, 67.9871, 66.6319
YIQ	209.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

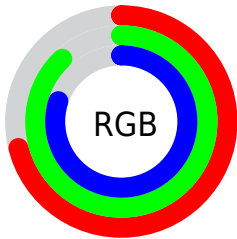
Format	Color
RYB	181, 210, 225
Decimal	11919819
CIELab	86.00, -18.60, 6.06
CIElCh	86, 19.560, 161.945
Yxy	67.9871, 0.2966, 0.3552
Android (android.graphics.Color)	4290109899 (0xFFB5E1CB)
YUV	209.3360, -3.1236, -24.8507
Hunter-Lab	82.4543, -21.4153, 9.8054

Details

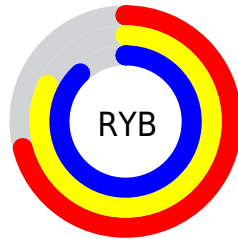
The CIELCh color **86, 19.560, 161.945** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 20.048, 345.355**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.178, 199.121**, and **66, 19.914, 162.024** is the 20% darker color. If you saturate the color by 10%, you get **84, 29.397, 160.901**, and if you desaturate by 10%, it is **88, 9.569, 162.893**.

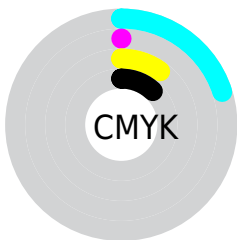
Distribution



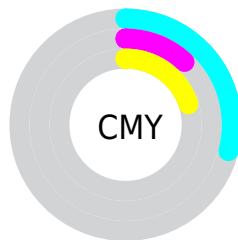
- Red (71%)
- Green (88%)
- Blue (80%)



- Red (71%)
- Yellow (82%)
- Blue (88%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (29%)
- Magenta (12%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.560, 161.945 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, 19.560, 161.945 by changing the saturation by 10% instead.


 86, 19.560,
161.945


 86, 19.560,
161.945


 100, 19.560,
161.945


 76, 19.560,
161.945

 66, 19.560,
161.945

 56, 19.560,
161.945

 46, 19.560,
161.945

 36, 19.560,
161.945


 26, 19.560,
161.945


 16, 19.560,


161.945

 6, 19.560, 161.945


 0, 19.560, 161.945

 86, 19.560,
161.945


 86, 19.560,
161.945


 84, 29.397,
160.901


 88, 9.569, 162.893


 83, 38.922,
159.732

 90, 0.451, 342.699


 82, 47.967,
158.412

 92, 10.395,
344.401

 81, 56.362,
156.913

 93, 15.952,
332.453

 80, 63.956,

 93, 18.759,
325.076

155.215

■ 80, 70.645,
153.302

■ 79, 76.398,
151.180

■ 79, 81.338,
148.920

■ 79, 81.550,
148.824

Harmonies

Complementary

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



86, 19.560, 161.945



78, 20.048, 345.355

Rectangle

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



86, 19.560, 161.945



86, 19.560, 211.945



86, 19.560, 341.945



86, 19.560, 31.945

Sweetspot

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



86, 19.562, 161.943



99, 6.644, 163.223



87, 24.234, 127.584



53, 4.408, 163.160



0, 0.000, 0.000



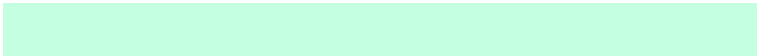
53, 0.007, 296.813

Same Dimension

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



86, 19.562, 161.943



95, 25.426, 161.580



87, 14.972, 196.931



46, 5.673, 162.904



63, 67.294, 149.231



17, 25.306, 153.713

Inverse Universe

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



78, 20.048, 345.355



85, 26.173, 345.718



78, 16.961, 19.488



44, 5.746, 344.394



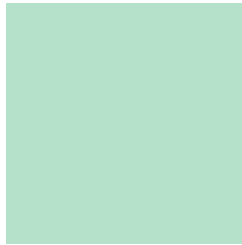
38, 64.177, 1.828



6, 26.431, 354.730

Previews

White Background



This preview shows how the CIELCh color 86, 19.560, 161.945 looks on a white background.

Color Contrast Check

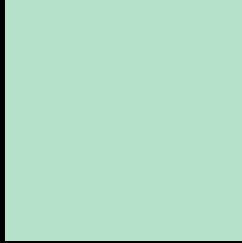
Large Text (above 18pt) WCAG AA × Fail

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, 19.560, 161.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

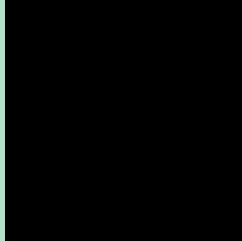
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

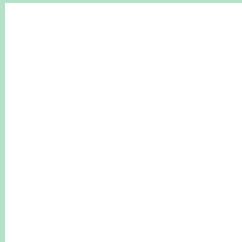
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.560, 161.945

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.560, 161.945.

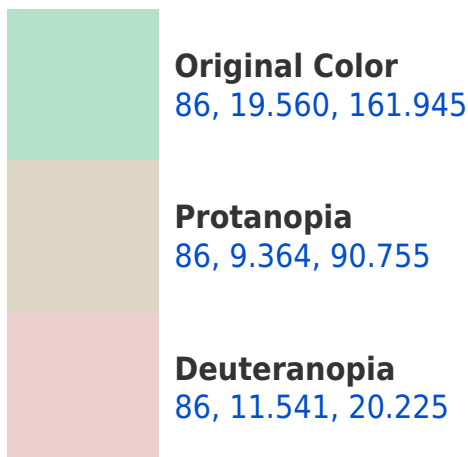


This preview shows how white text looks on a background with the CIELCh color 86, 19.560, 161.945.

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](#).

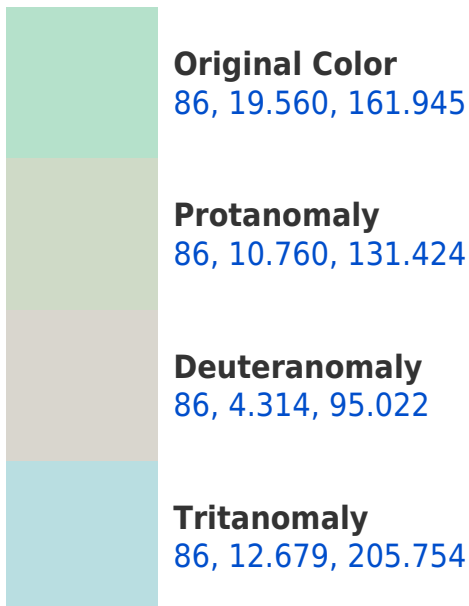
Dichromacy



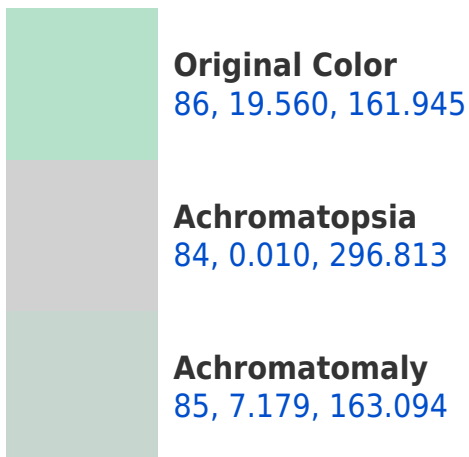


Tritanopia
86, 14.257, 240.543

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.560, 161.945 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(181, 225, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 225, 203)  
}
```

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(181, 225, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 225, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.560, 161.945 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(181, 225, 203) }
```

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

```
.border{ border-color:rgb(181, 225, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 225, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 225, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 225, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 225,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.560, 161.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 225, 203) }
```

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

```
.background{ background-color: rgb(181,  
225, 203) }
```

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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