

Converting Colors

CIELCh(86, 17.088, 172.197)

Have a look what the booklet for
CIELCh(86, 17.088, 172.197)
contains.

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Color

CIELCh(86, 16.879, 172.408)

Conversions

Conversions Part 1

Format	Color
Hex	B5E0D2
RGB	181, 224, 210
RGB Percent	71%, 88%, 82%
CMY	0.2891, 0.1204, 0.1754
CMYK	0.19, 0.00, 0.06, 0.12
HSL	160°, 41%, 80%
HSV	160°, 19%, 88%
XYZ	57.5196, 67.9871, 71.2459
YIQ	209.5470, -21.1340, -13.4700

Conversions

Conversions Part 2

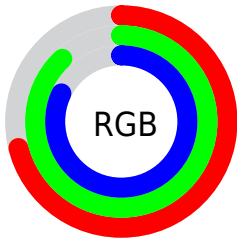
Format	Color
R_{YB}	181, 207, 224
Decimal	11919570
CIE Lab	86.00, -16.73, 2.23
CIE LCh	86, 16.879, 172.408
Yxy	67.9871, 0.2923, 0.3455
Android (android.graphics.Color)	4290109650 (0xFFB5E0D2)
YUV	209.5470, 0.2233, -25.0357
Hunter-Lab	82.4543, -19.7745, 6.4876

Details

The CIELCh color **86, 16.879, 172.408** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 17.756, 356.121**, 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, 17.080, 172.950** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.348, 171.323**, and if you desaturate by 10%, it is **88, 8.143, 173.424**.

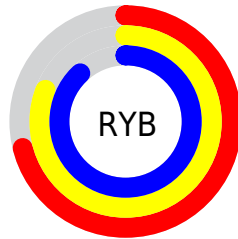
Distribution



Red (71%)

Green (88%)

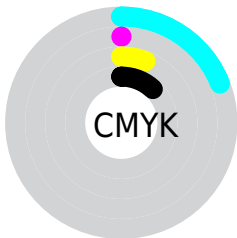
Blue (82%)



Red (71%)

Yellow (81%)

Blue (88%)

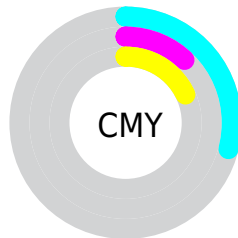


Cyan (19%)

Magenta (0%)

Yellow (6%)

Black (12%)



Cyan (29%)


Magenta (12%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 16.879, 172.408 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, 16.879, 172.408 by changing the saturation by 10% instead.


 86, 16.879,
172.408


 86, 16.879,
172.408


 100, 16.879,
172.408


 76, 16.879,
172.408

 66, 16.879,
172.408

 56, 16.879,
172.408

 46, 16.879,
172.408

 36, 16.879,
172.408


 26, 16.879,
172.408


 16, 16.879,


172.408

 6, 16.879, 172.408


 0, 16.879, 172.408

 86, 16.879,
172.408


 86, 16.879,
172.408

 85, 25.348,
171.323


 88, 8.143, 173.424

 83, 33.402,
170.145

 89, 0.740, 353.587


 82, 40.893,
168.845

 91, 9.664, 355.083

 81, 47.676,
167.397

 92, 13.520,
344.908

 81, 53.633,

 92, 15.950,
333.768

165.777

93, 18.837,
325.885

80, 58.692,
163.961

93, 19.212,
325.092

80, 62.856,
161.939

79, 66.267,
159.750

79, 66.537,
159.572

Harmonies

Complementary

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



86, 16.879, 172.408



78, 17.756, 356.121

Rectangle

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



86, 16.879, 172.408



86, 16.879, 222.408



86, 16.879, 352.408



86, 16.879, 42.408

Sweetspot

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



86, 16.881, 172.405



99, 5.916, 173.750



86, 24.877, 133.818



53, 3.923, 173.680



0, 0.000, 0.000



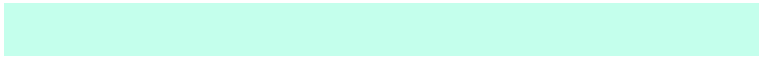
53, 0.007, 296.813

Same Dimension

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



86, 16.881, 172.405



96, 22.364, 171.983



84, 12.644, 216.096



46, 5.040, 173.396



64, 55.142, 159.963



17, 21.193, 164.181

Inverse Universe

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



78, 17.756, 356.121



85, 23.785, 356.601



79, 14.384, 35.686



44, 5.168, 355.042



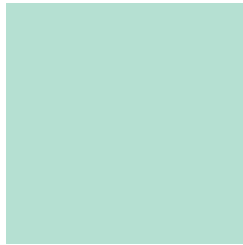
37, 65.567, 18.538



6, 25.414, 6.279

Previews

White Background



This preview shows how the CIELCh color 86, 16.879, 172.408 looks on a white background.

Color Contrast Check

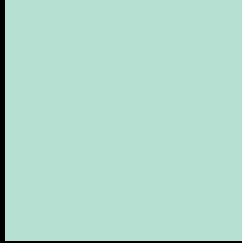
Large Text (above 18pt) WCAG AA × Fail

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, 16.879, 172.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

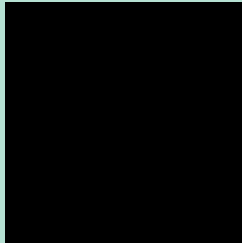
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

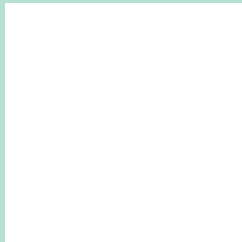
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 16.879, 172.408

Background



This preview shows how black text looks on a background with the CIELCh color 86, 16.879, 172.408.

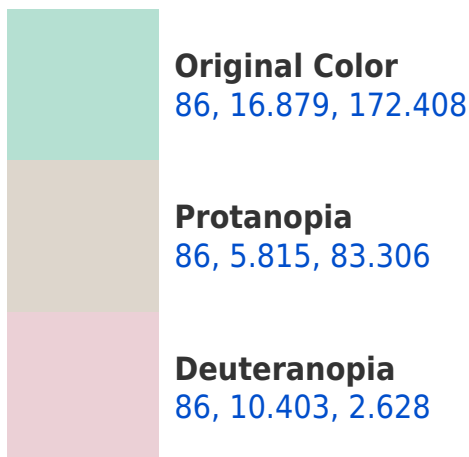


This preview shows how white text looks on a background with the CIELCh color 86, 16.879, 172.408.

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](#).

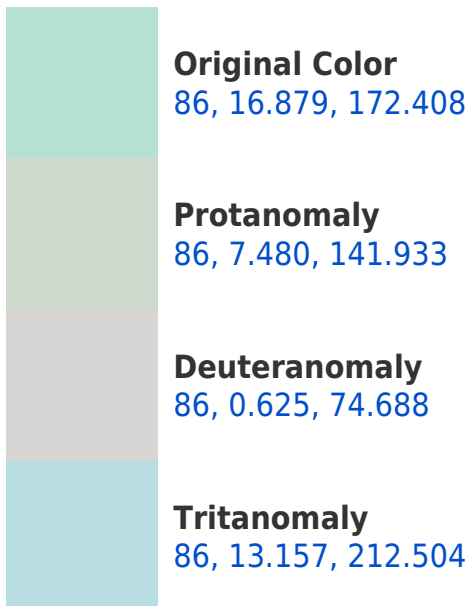
Dichromacy



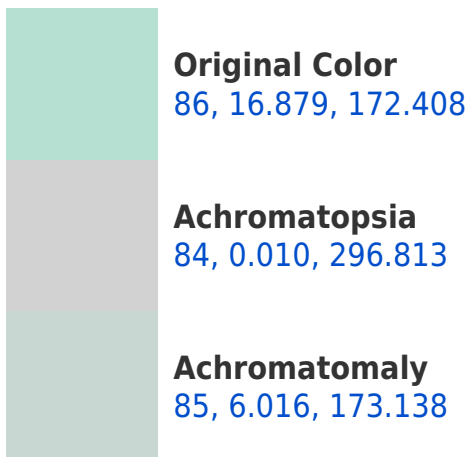


Tritanopia
86, 14.494, 239.703

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 16.879, 172.408 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, 224, 210)` looks like.

```
.text, #text, p{  
    color:rgb(181, 224, 210)  
}
```

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, 224, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 224, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 16.879, 172.408 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, 224, 210) }
```

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

```
.border{ border-color:rgb(181, 224, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 224, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 224, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 224, 210);  
box-shadow:4px 4px 4px 4px rgb(181, 224,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 16.879, 172.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 224, 210) }
```

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

```
.background{ background-color: rgb(181,  
224, 210) }
```

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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