

Converting Colors

CIELCh(86, 23.906, 164.066)

Have a look what the booklet for
CIELCh(86, 23.906, 164.066)
contains.

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Color

CIELCh(86, 23.799, 164.344)

Conversions

Conversions Part 1

Format	Color
Hex	ABE3CA
RGB	171, 227, 202
RGB Percent	67%, 89%, 79%
CMY	0.3287, 0.1091, 0.2071
CMYK	0.25, 0.00, 0.11, 0.11
HSL	153°, 50%, 78%
HSV	153°, 25%, 89%
XYZ	55.0328, 67.9871, 66.2087
YIQ	207.4060, -25.3510, -19.6470

Conversions

Conversions Part 2

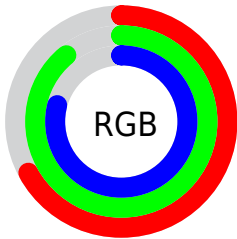
Format	Color
RYB	171, 207, 227
Decimal	11264970
CIELab	86.00, -22.92, 6.42
CIELCh	86, 23.799, 164.344
Yxy	67.9871, 0.2908, 0.3593
Android (android.graphics.Color)	4289455050 (0xFFABE3CA)
YUV	207.4060, -2.6652, -31.9281
Hunter-Lab	82.4543, -25.1581, 10.1096

Details

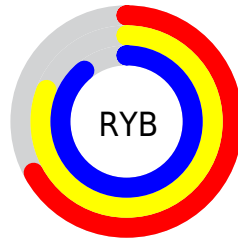
The CIELCh color **86, 23.799, 164.344** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **76, 24.764, 348.994**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.514, 198.874**, and **66, 23.672, 164.823** is the 20% darker color. If you saturate the color by 10%, you get **85, 33.115, 163.217**, and if you desaturate by 10%, it is **88, 14.221, 165.361**.

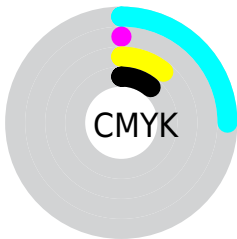
Distribution



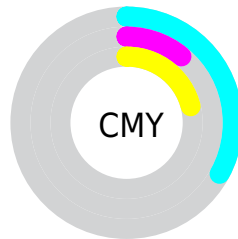
- Red (67%)
- Green (89%)
- Blue (79%)



- Red (67%)
- Yellow (81%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (33%)
- Magenta (11%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 23.799, 164.344 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, 23.799, 164.344 by changing the saturation by 10% instead.


 86, 23.799,
164.344

 86, 23.799,
164.344


 100, 23.799,
164.344

 76, 23.799,
164.344

 66, 23.799,
164.344

 56, 23.799,
164.344

 46, 23.799,
164.344

 36, 23.799,
164.344

 26, 23.799,
164.344

 16, 23.799,


164.344


 6, 23.799, 164.344


 0, 23.799, 164.344


 86, 23.799,
164.344


 86, 23.799,
164.344

 85, 33.115,
163.217


 88, 14.221,
165.361

 83, 42.005,
161.959

 89, 4.517, 166.344


 82, 50.305,
160.542

 91, 5.195, 346.984

 81, 57.862,
158.940

 93, 12.772,
341.408

 81, 64.555,

 93, 16.515,
327.152

157.132

93, 17.389,
325.027

80, 70.330,
155.108

80, 75.215,
152.881

80, 77.574,
151.664

Harmonies

Complementary

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



86, 23.799, 164.344



76, 24.764, 348.994

Rectangle

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



86, 23.799, 164.344



86, 23.799, 214.344



86, 23.799, 344.344



86, 23.799, 34.344

Sweetspot

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



86, 23.801, 164.342



99, 7.467, 166.098



87, 31.292, 129.682



52, 4.852, 166.039



0, 0.000, 0.000



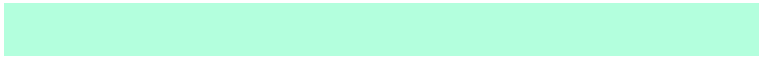
53, 0.007, 296.813

Same Dimension

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



86, 23.801, 164.342



94, 31.648, 163.734



86, 17.726, 203.024



47, 5.563, 165.864



64, 64.270, 152.062



18, 24.924, 156.276

Inverse Universe

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



76, 24.764, 348.994



81, 33.221, 349.639



76, 21.008, 25.218



45, 5.652, 347.422



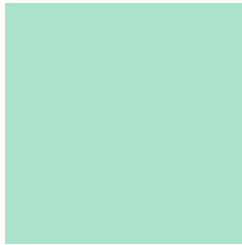
38, 64.599, 7.017



7, 27.168, 358.987

Previews

White Background



This preview shows how the CIELCh color 86, 23.799, 164.344 looks on a white background.

Color Contrast Check

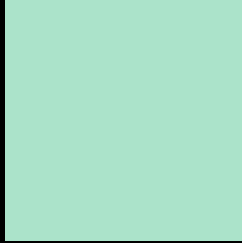
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 86, 23.799, 164.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

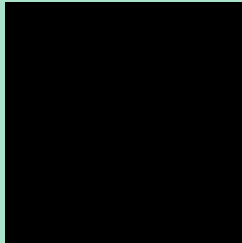
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

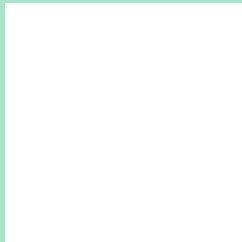
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 23.799, 164.344

Background



This preview shows how black text looks on a background with the CIELCh color 86, 23.799, 164.344.

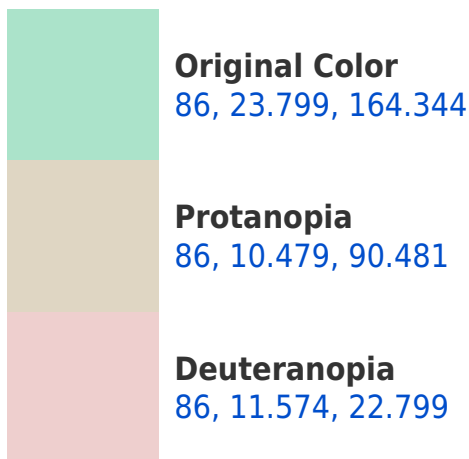


This preview shows how white text looks on a background with the CIELCh color 86, 23.799, 164.344.

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](#).

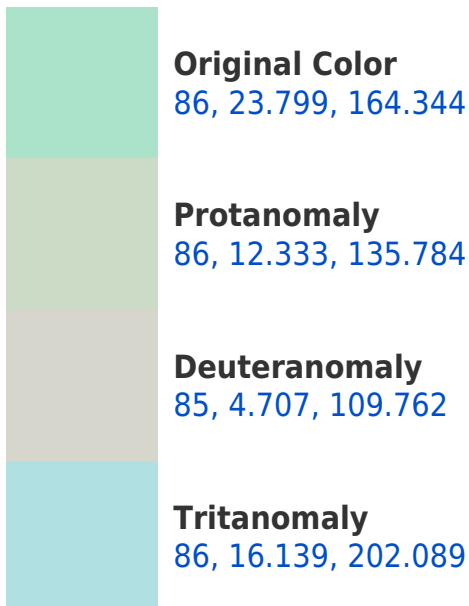
Dichromacy



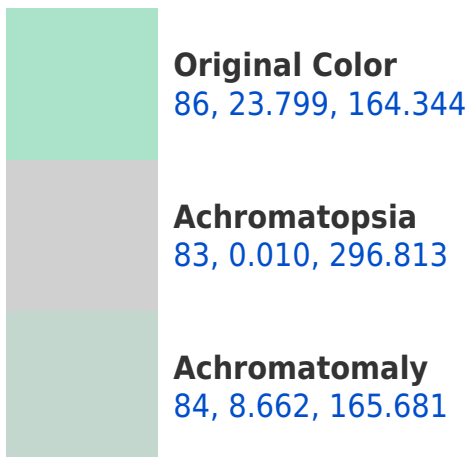


Tritanopia
86, 16.936, 232.698

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 23.799, 164.344 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(171, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(171, 227, 202)  
}
```

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(171, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 227, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 23.799, 164.344 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(171, 227, 202) }
```

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

```
.border{ border-color:rgb(171, 227, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 227, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(171, 227,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 23.799, 164.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 227, 202) }
```

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

```
.background{ background-color: rgb(171,  
227, 202) }
```

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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