

Converting Colors

CIELCh(86, 19.475, 198.190)

Have a look what the booklet for
CIELCh(86, 19.475, 198.190)
contains.

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Color

CIElCh(86, 19.563, 198.098)

Conversions

Conversions Part 1

Format	Color
Hex	A7E2E2
RGB	167, 226, 226
RGB Percent	65%, 89%, 89%
CMY	0.3457, 0.1143, 0.1143
CMYK	0.26, 0.00, 0.00, 0.11
HSL	180°, 50%, 77%
HSV	180°, 26%, 89%
XYZ	56.7624, 67.9871, 81.9688
YIQ	208.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

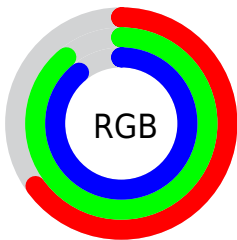
Format	Color
RYB	167, 197, 226
Decimal	11002594
CIELab	86.00, -18.60, -6.08
CIELCh	86, 19.563, 198.098
Yxy	67.9871, 0.2746, 0.3289
Android (android.graphics.Color)	4289192674 (0xFFA7E2E2)
YUV	208.3590, 8.6970, -36.2718
Hunter-Lab	82.4543, -21.4138, -1.2229

Details

The CIELCh color **86, 19.563, 198.098** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 23.342, 21.467**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **66, 19.696, 197.779** is the 20% darker color. If you saturate the color by 10%, you get **85, 25.985, 197.659**, and if you desaturate by 10%, it is **87, 12.481, 198.590**.

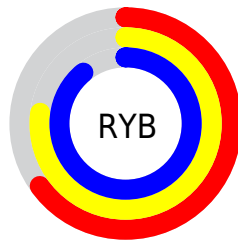
Distribution



Red (65%)

Green (89%)

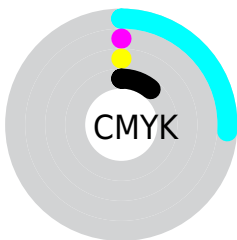
Blue (89%)



Red (65%)

Yellow (77%)

Blue (89%)

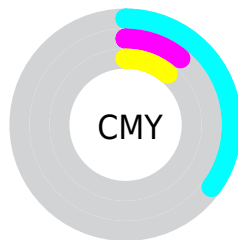


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (11%)



Cyan (35%)


Magenta (11%)


Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.563, 198.098 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, 19.563, 198.098 by changing the saturation by 10% instead.


 86, 19.563,
198.098


 86, 19.563,
198.098


 100, 19.563,
198.098


 76, 19.563,
198.098


 66, 19.563,
198.098

 56, 19.563,
198.098

 46, 19.563,
198.098

 36, 19.563,
198.098

 26, 19.563,
198.098

 16, 19.563,

198.098

■ 6, 19.563, 198.098

■ 0, 19.563, 198.098

■ 86, 19.563,
198.098

■ 86, 19.563,
198.098

■ 85, 25.985,
197.659

■ 87, 12.481,
198.590

■ 84, 31.619,
197.286

■ 89, 4.868, 199.189

■ 90, 3.150, 19.431

■ 83, 36.353,
196.978

■ 92, 10.647, 20.096

■ 83, 40.111,
196.737

■ 92, 10.647, 20.094

■ 82, 42.858,

■ 92, 10.647, 20.092

196.562

92, 10.647, 20.089

82, 44.625,
196.450

92, 10.647, 20.087

82, 45.512,
196.394

92, 10.647, 20.085

82, 45.722,
196.381

Harmonies

Complementary

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



86, 19.563, 198.098



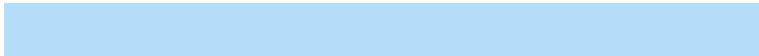
74, 23.342, 21.467

Rectangle

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



86, 19.563, 198.098



86, 19.563, 248.098



86, 19.563, 18.098



86, 19.563, 68.098

Sweetspot

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



86, 19.564, 198.094



99, 6.985, 199.055



85, 37.636, 142.269



52, 4.945, 198.960



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, 19.564, 198.094



95, 25.123, 197.865



78, 17.967, 257.527



46, 4.454, 198.968



65, 37.940, 196.381



17, 15.585, 196.382

Inverse Universe

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



74, 23.342, 21.467



79, 31.155, 22.072



81, 19.441, 70.403



44, 4.728, 19.930



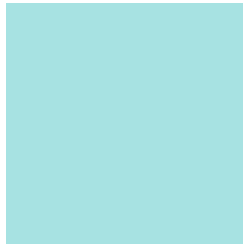
36, 79.112, 39.951



6, 25.541, 20.937

Previews

White Background



This preview shows how the CIELCh color 86, 19.563, 198.098 looks on a white background.

Color Contrast Check

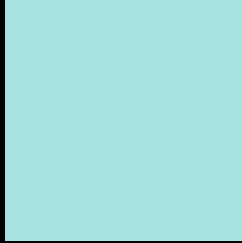
Large Text (above 18pt) WCAG AA × Fail

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, 19.563, 198.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

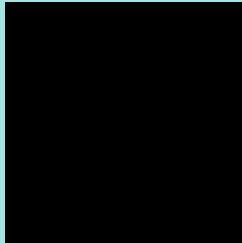
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

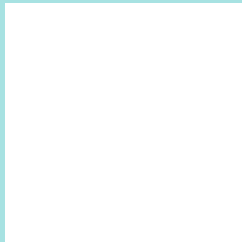
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.563, 198.098

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.563, 198.098.



This preview shows how white text looks on a background with the CIELCh color 86, 19.563, 198.098.

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



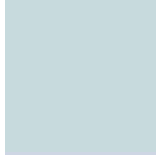


Tritanopia
86, 19.208, 228.077

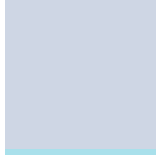
Trichromacy



Original Color
86, 19.563, 198.098



Protanomaly
86, 6.802, 212.455



Deuteranomaly
85, 7.814, 269.946

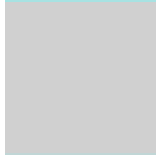


Tritanomaly
86, 18.648, 216.443

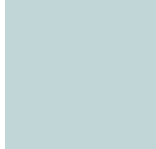
Monochromacy



Original Color
86, 19.563, 198.098



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 7.400, 198.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.563, 198.098 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(167, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(167, 226, 226)  
}
```

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(167, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.563, 198.098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

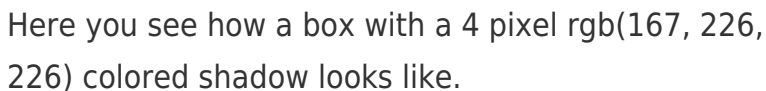
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 226, 226) }
```

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

```
.border{ border-color:rgb(167, 226, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 226, 226); box-shadow:4px 4px 4px 4px rgb(167, 226, 226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.563, 198.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 226, 226) }
```

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

```
.background{ background-color: rgb(167,  
226, 226) }
```

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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