

Converting Colors

CIELCh(86, 19.749, 198.040)

Have a look what the booklet for
CIELCh(86, 19.749, 198.040)
contains.

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Color

CIELCh(86, 19.862, 198.077)

Conversions

Conversions Part 1

Format	Color
Hex	A6E2E2
RGB	166, 226, 226
RGB Percent	65%, 89%, 89%
CMY	0.3490, 0.1137, 0.1137
CMYK	0.27, 0.00, 0.00, 0.11
HSL	180°, 51%, 77%
HSV	180°, 27%, 89%
XYZ	56.6466, 67.9871, 82.0851
YIQ	208.0600, -35.7600, -12.7200

Conversions

Conversions Part 2

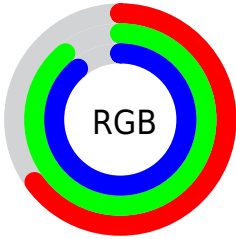
Format	Color
R_{YB}	166, 196, 226
Decimal	10937058
CIE _{Lab}	86.00, -18.88, -6.16
CIE _{LCh}	86, 19.862, 198.077
Yxy	67.9871, 0.2740, 0.3289
Android (android.graphics.Color)	4289127138 (0xFFA6E2E2)
YUV	208.0600, 8.8444, -36.8866
Hunter-Lab	82.4543, -21.6645, -1.3065

Details

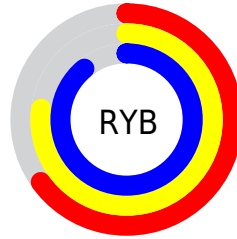
The CIELCh color **86, 19.862, 198.077** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 23.775, 21.514**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 11.153, 198.761**, and **66, 19.988, 197.755** is the 20% darker color. If you saturate the color by 10%, you get **85, 26.257, 197.641**, and if you desaturate by 10%, it is **87, 12.801, 198.566**.

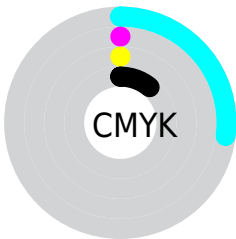
Distribution



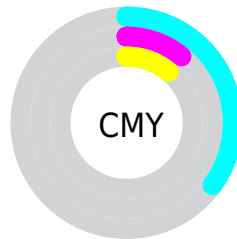
- Red (65%)
- Green (89%)
- Blue (89%)



- Red (65%)
- Yellow (77%)
- Blue (89%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)





- Cyan (35%)
- Magenta (11%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 19.862, 198.077 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, 19.862, 198.077 by changing the saturation by 10% instead.


 86, 19.862,
198.077


 86, 19.862,
198.077


 100, 19.862,
198.077


 76, 19.862,
198.077

 66, 19.862,
198.077

 56, 19.862,
198.077

 46, 19.862,
198.077

 36, 19.862,
198.077

 26, 19.862,
198.077

 16, 19.862,

198.077

■ 6, 19.862, 198.077

■ 0, 19.862, 198.077

■ 86, 19.862,
198.077

■ 86, 19.862,
198.077

■ 85, 26.257,
197.641

■ 87, 12.801,
198.566

■ 84, 31.857,
197.270

■ 89, 5.204, 199.156

■ 90, 2.804, 19.382

■ 83, 36.554,
196.965

■ 92, 10.588, 20.090

■ 83, 40.270,
196.726

■ 92, 10.588, 20.087

■ 82, 42.976,


■ 92, 10.588, 20.084

196.555


 92, 10.588, 20.081

 82, 44.703,
196.445

 92, 10.588, 20.078

 82, 45.559,
196.391

 92, 10.588, 20.076

 82, 45.746,
196.379

Harmonies

Complementary

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



86, 19.862, 198.077



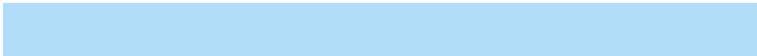
74, 23.775, 21.514

Rectangle

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



86, 19.862, 198.077



86, 19.862, 248.077



86, 19.862, 18.077



86, 19.862, 68.077

Sweetspot

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



86, 19.863, 198.073



99, 6.985, 199.054



85, 38.268, 142.234



52, 4.945, 198.959



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, 19.863, 198.073



95, 25.827, 197.821



78, 18.263, 257.607



46, 4.454, 198.967



65, 37.941, 196.379



17, 15.585, 196.380

Inverse Universe

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



74, 23.775, 21.514



79, 32.279, 22.200



81, 19.791, 70.351



44, 4.728, 19.929



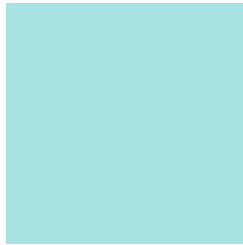
36, 79.111, 39.951



6, 25.541, 20.937

Previews

White Background



This preview shows how the CIE LCh color 86, 19.862, 198.077 looks on a white background.

Color Contrast Check

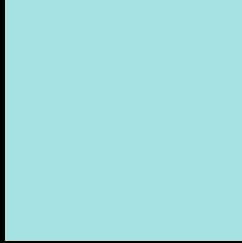
Large Text (above 18pt) WCAG AA × Fail

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, 19.862, 198.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

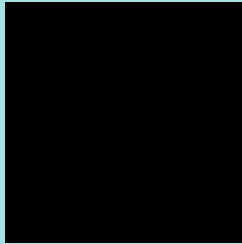
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

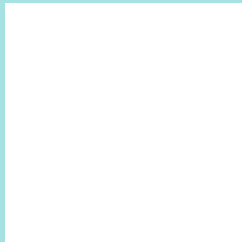
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 19.862, 198.077

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.862, 198.077.



This preview shows how white text looks on a background with the CIELCh color 86, 19.862, 198.077.

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



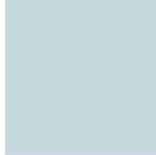


Tritanopia
86, 19.710, 227.200

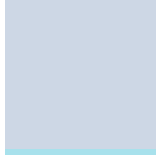
Trichromacy



Original Color
86, 19.862, 198.077



Protanomaly
86, 7.135, 211.795



Deuteranomaly
86, 8.064, 265.333

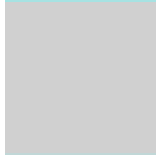


Tritanomaly
86, 19.201, 215.858

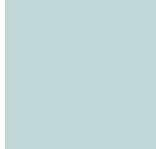
Monochromacy



Original Color
86, 19.862, 198.077



Achromatopsia
83, 0.010, 296.813



Achromatomaly
84, 7.737, 198.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.862, 198.077 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(166, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(166, 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(166, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 226, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.862, 198.077 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(166, 226, 226) }
```

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

```
.border{ border-color:rgb(166, 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(166, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(166, 226,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.862, 198.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 226, 226) }
```

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

```
.background{ background-color: rgb(166,  
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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