

Converting Colors

CIELCh(86, 18.072, 191.490)

Have a look what the booklet for
CIELCh(86, 18.072, 191.490)
contains.

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Color

CIELCh(86, 18.081, 191.476)

Conversions

Conversions Part 1

Format	Color
Hex	ACE1DD
RGB	172, 225, 221
RGB Percent	67%, 88%, 87%
CMY	0.3247, 0.1168, 0.1325
CMYK	0.24, 0.00, 0.02, 0.12
HSL	175°, 47%, 78%
HSV	175°, 24%, 88%
XYZ	57.1172, 67.9871, 78.6627
YIQ	208.6970, -30.3040, -12.4800

Conversions

Conversions Part 2

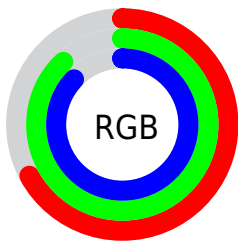
Format	Color
RYB	172, 200, 225
Decimal	11330013
CIELab	86.00, -17.72, -3.60
CIElCh	86, 18.081, 191.476
Yxy	67.9871, 0.2803, 0.3337
Android (android.graphics.Color)	4289520093 (0xFFACE1DD)
YUV	208.6970, 6.0654, -32.1833
Hunter-Lab	82.4543, -20.6456, 1.1544

Details

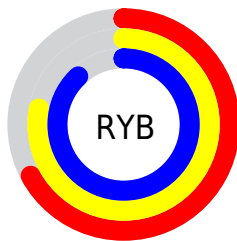
The CIELCh color **86, 18.081, 191.476** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 20.689, 15.309**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **66, 18.324, 190.871** is the 20% darker color. If you saturate the color by 10%, you get **85, 24.929, 190.737**, and if you desaturate by 10%, it is **87, 10.677, 192.219**.

Distribution



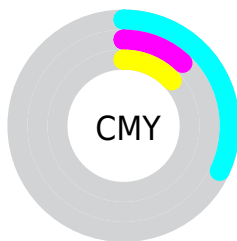
- Red (67%)
- Green (88%)
- Blue (87%)



- Red (67%)
- Yellow (78%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (32%)
- Magenta (12%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 18.081, 191.476 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, 18.081, 191.476 by changing the saturation by 10% instead.

 86, 18.081,
191.476


 86, 18.081,
191.476

 100, 18.081,
191.476


 76, 18.081,
191.476


 66, 18.081,
191.476

 56, 18.081,
191.476

 46, 18.081,
191.476

 36, 18.081,
191.476

 26, 18.081,
191.476

 16, 18.081,

191.476

■ 6, 18.081, 191.476

■ 0, 18.081, 191.476

■ 86, 18.081,
191.476

■ 86, 18.081,
191.476

■ 85, 24.929,
190.737

■ 87, 10.677,
192.219

■ 84, 31.084,
190.004

■ 89, 2.846, 193.097

■ 91, 5.290, 13.504

■ 83, 36.418,
189.262

■ 92, 10.937, 12.576

■ 82, 40.831,
188.502

■ 92, 11.060, 8.075

■ 82, 44.259,

■ 92, 11.252, 3.702

187.709

92, 11.508,
359.502

81, 46.698,
186.869

92, 11.826,
355.510

81, 48.216,
185.964

92, 12.199,
351.748

81, 48.848,
185.352

Harmonies

Complementary

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



86, 18.081, 191.476



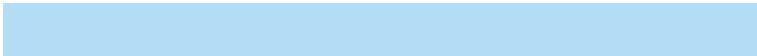
75, 20.689, 15.309

Rectangle

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



86, 18.081, 191.476



86, 18.081, 241.476



86, 18.081, 11.476



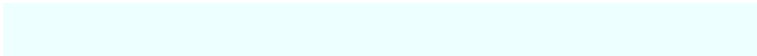
86, 18.081, 61.476

Sweetspot

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



86, 18.082, 191.471



99, 6.191, 192.739



85, 33.111, 140.795



53, 4.018, 192.687



0, 0.000, 0.000



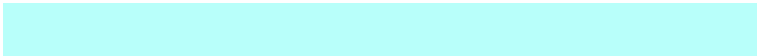
53, 0.007, 296.813

Same Dimension

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



86, 18.082, 191.471



95, 23.449, 191.129



80, 15.379, 249.072



46, 4.506, 192.539



65, 40.568, 185.518



17, 16.456, 187.187

Inverse Universe

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



75, 20.689, 15.309



81, 27.634, 15.894



81, 16.949, 63.376



44, 4.744, 13.829



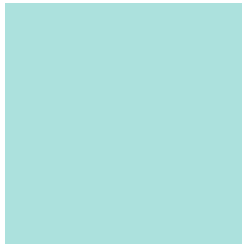
36, 75.994, 36.863



6, 25.383, 17.759

Previews

White Background



This preview shows how the CIE LCh color 86, 18.081, 191.476 looks on a white background.

Color Contrast Check

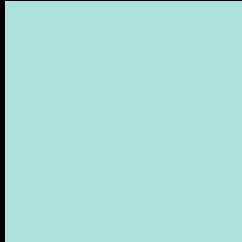
Large Text (above 18pt) WCAG AA × Fail

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, 18.081, 191.476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

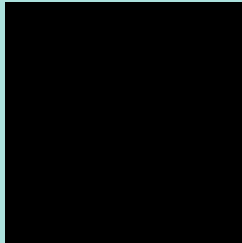
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

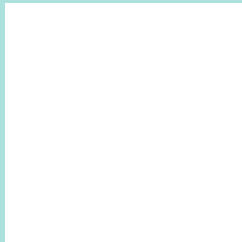
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 18.081, 191.476

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.081, 191.476.

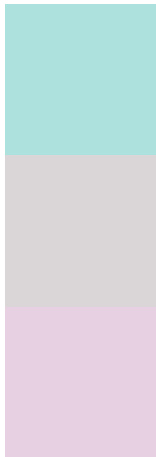


This preview shows how white text looks on a background with the CIELCh color 86, 18.081, 191.476.

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



Original Color
86, 18.081, 191.476

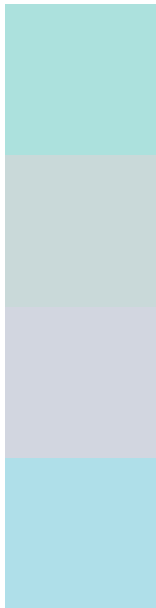
Protanopia
86, 1.894, 3.169

Deuteranopia
86, 12.204, 333.379



Tritanopia
86, 17.440, 231.559

Trichromacy



Original Color
86, 18.081, 191.476

Protanomaly
86, 5.658, 199.104

Deuteranomaly
86, 5.418, 275.565

Tritanomaly
86, 16.549, 217.019

Monochromacy



Original Color
86, 18.081, 191.476

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 6.834, 190.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.081, 191.476 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(172, 225, 221)` looks like.

```
.text, #text, p{  
    color:rgb(172, 225, 221)  
}
```

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(172, 225, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 225, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.081, 191.476 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(172, 225, 221) }
```

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

```
.border{ border-color:rgb(172, 225, 221) }
```

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

Here you see how a box with a 4 pixel rgb(172, 225, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 225, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 225, 221);  
box-shadow:4px 4px 4px 4px rgb(172, 225,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.081, 191.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 225, 221) }
```

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

```
.background{ background-color: rgb(172,  
225, 221) }
```

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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