

Converting Colors

CIELCh(86, 14.578, 202.597)

Have a look what the booklet for
CIELCh(86, 14.578, 202.597)
contains.

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Color

CIELCh(86, 14.578, 202.597)

Conversions

Conversions Part 1

Format	Color
Hex	B4DFE1
RGB	180, 223, 225
RGB Percent	71%, 87%, 88%
CMY	0.2937, 0.1251, 0.1172
CMYK	0.20, 0.01, 0.00, 0.12
HSL	183°, 43%, 79%
HSV	183°, 20%, 88%
XYZ	58.8650, 67.9871, 81.3278
YIQ	210.3710, -26.2700, -8.4940

Conversions

Conversions Part 2

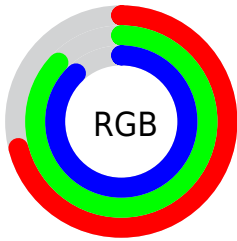
Format	Color
RYB	180, 202, 225
Decimal	11853793
CIELab	86.00, -13.46, -5.60
CIELCh	86, 14.578, 202.597
Yxy	67.9871, 0.2828, 0.3266
Android (android.graphics.Color)	4290043873 (0xFFB4DFE1)
YUV	210.3710, 7.2121, -26.6354
Hunter-Lab	82.4543, -16.8619, -0.7619

Details

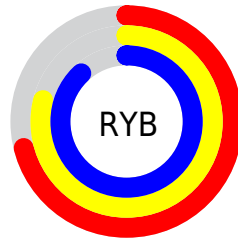
The CIELCh color **86, 14.578, 202.597** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **78, 16.679, 24.376**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.515, 199.095**, and **66, 14.726, 202.541** is the 20% darker color. If you saturate the color by 10%, you get **84, 21.092, 202.318**, and if you desaturate by 10%, it is **88, 7.505, 202.962**.

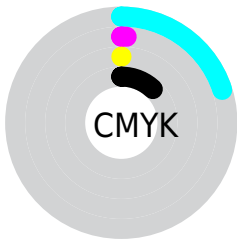
Distribution



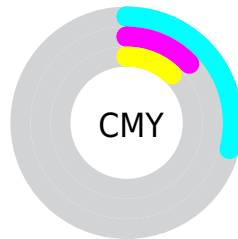
- Red (71%)
- Green (87%)
- Blue (88%)



- Red (71%)
- Yellow (79%)
- Blue (88%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (12%)



- Cyan (29%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.578, 202.597 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, 14.578, 202.597 by changing the saturation by 10% instead.

■ 86, 14.578,
202.597

■ 86, 14.578,
202.597

■ 100, 14.578,
202.597

■ 76, 14.578,
202.597

■ 66, 14.578,
202.597

■ 56, 14.578,
202.597

■ 46, 14.578,
202.597

■ 36, 14.578,
202.597

■ 26, 14.578,
202.597

■ 16, 14.578,

202.597

■ 6, 14.578, 202.597

■ 0, 14.578, 202.597

■ 86, 14.578,
202.597

■ 86, 14.578,
202.597

■ 84, 21.092,
202.318

■ 88, 7.505, 202.962

■ 83, 26.919,
202.140

■ 90, 0.013, 326.049

■ 92, 7.847, 23.632

■ 82, 31.939,
202.070

■ 92, 10.252, 25.789

■ 81, 36.049,
202.121

■ 93, 9.956, 28.895

■ 93, 9.690, 32.180

■ 80, 39.181,

202.309

93, 9.459, 35.638

79, 41.316,
202.647

93, 9.265, 39.254

79, 42.501,
203.145

94, 9.109, 43.007

79, 42.933,
203.787

79, 42.934,
203.787

Harmonies

Complementary

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



86, 14.578, 202.597



78, 16.679, 24.376

Rectangle

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



86, 14.578, 202.597



86, 14.578, 252.597



86, 14.578, 22.597



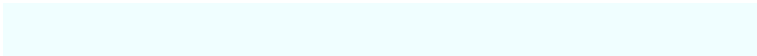
86, 14.578, 72.597

Sweetspot

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



86, 14.579, 202.591



99, 5.037, 203.162



85, 28.227, 144.047



53, 3.335, 203.124



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, 14.579, 202.591



95, 19.090, 202.466



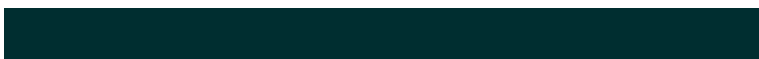
80, 14.428, 261.878



46, 4.260, 202.987



63, 35.747, 203.660



16, 14.816, 202.410

Inverse Universe

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



78, 28.041, 326.763



85, 37.251, 326.999



83, 15.046, 76.383



44, 7.912, 326.157



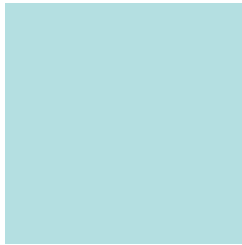
41, 84.510, 330.072



8, 34.877, 329.752

Previews

White Background



This preview shows how the CIELCh color 86, 14.578, 202.597 looks on a white background.

Color Contrast Check

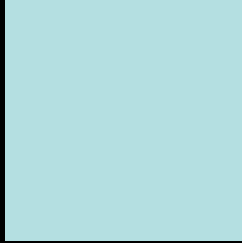
Large Text (above 18pt) WCAG AA × Fail

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, 14.578, 202.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

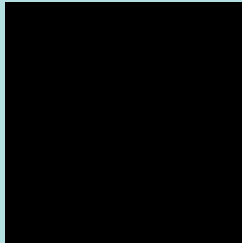
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

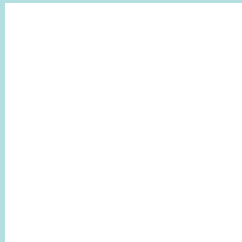
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 14.578, 202.597

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.578, 202.597.

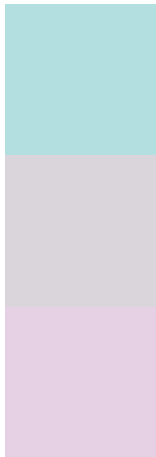


This preview shows how white text looks on a background with the CIELCh color 86, 14.578, 202.597.

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, 14.578, 202.597

Protanopia
86, 3.486, 314.729

Deuteranopia
86, 12.959, 326.233



Tritanopia
86, 15.453, 236.611

Trichromacy



Original Color
86, 14.578, 202.597

Protanomaly
86, 4.999, 224.097

Deuteranomaly
85, 7.382, 285.361

Tritanomaly
86, 14.564, 224.359

Monochromacy



Original Color
86, 14.578, 202.597

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 5.667, 199.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.578, 202.597 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(180, 223, 225)` looks like.

```
.text, #text, p{  
    color:rgb(180, 223, 225)  
}
```

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(180, 223, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 223, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.578, 202.597 is called "border". The border property can be set on classes, ids or directly on the HTML element.

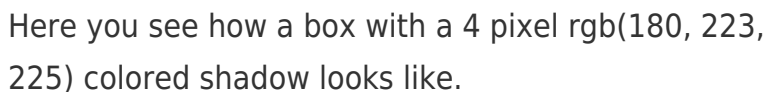
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 223, 225) }
```

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

```
.border{ border-color:rgb(180, 223, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 223, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 223, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 223, 225); box-shadow:4px 4px 4px 4px rgb(180, 223, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.578, 202.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 223, 225) }
```

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

```
.background{ background-color: rgb(180,  
223, 225) }
```

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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