

Converting Colors

CIELCh(86, 18.675, 170.365)

Have a look what the booklet for
CIELCh(86, 18.675, 170.365)
contains.

CIELCh(86, 18.587, 171.242)	3
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Color

CIELCh(86, 18.587, 171.242)

Conversions

Conversions Part 1

Format	Color
Hex	B2E1D1
RGB	178, 225, 209
RGB Percent	70%, 88%, 82%
CMY	0.3016, 0.1172, 0.1800
CMYK	0.21, 0.00, 0.07, 0.12
HSL	160°, 44%, 79%
HSV	160°, 21%, 88%
XYZ	56.8533, 67.9871, 70.5098
YIQ	209.1230, -22.8760, -14.9400

Conversions

Conversions Part 2

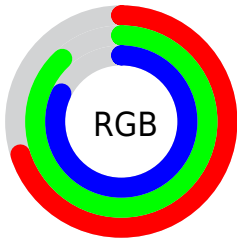
Format	Color
RYB	178, 206, 225
Decimal	11723217
CIELab	86.00, -18.37, 2.83
CIELCh	86, 18.587, 171.242
Yxy	67.9871, 0.2910, 0.3480
Android (android.graphics.Color)	4289913297 (0xFFB2E1D1)
YUV	209.1230, -0.0606, -27.2949
Hunter-Lab	82.4543, -21.2169, 7.0169

Details

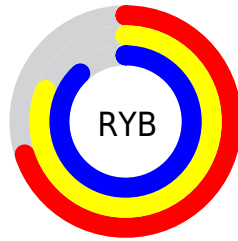
The CIELCh color **86, 18.587, 171.242** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 19.585, 355.319**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.186, 199.043**, and **66, 18.844, 171.586** is the 20% darker color. If you saturate the color by 10%, you get **85, 27.128, 170.141**, and if you desaturate by 10%, it is **88, 9.766, 172.263**.

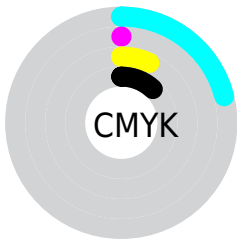
Distribution



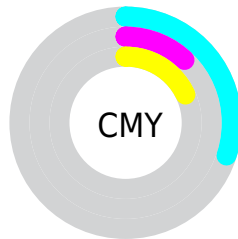
- Red (70%)
- Green (88%)
- Blue (82%)



- Red (70%)
- Yellow (81%)
- Blue (88%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)





- Cyan (30%)
- Magenta (12%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 18.587, 171.242 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, 18.587, 171.242 by changing the saturation by 10% instead.


 86, 18.587,
171.242

 86, 18.587,
171.242


 100, 18.587,
171.242


 76, 18.587,
171.242

 66, 18.587,
171.242

 56, 18.587,
171.242

 46, 18.587,
171.242

 36, 18.587,
171.242

 26, 18.587,
171.242

 16, 18.587,

171.242

■ 6, 18.587, 171.242

■ 0, 18.587, 171.242

■ 86, 18.587,
171.242

■ 86, 18.587,
171.242

■ 85, 27.128,
170.141

■ 88, 9.766, 172.263

■ 83, 35.239,
168.937

■ 89, 0.790, 173.778

■ 91, 8.233, 353.938

■ 82, 42.769,
167.604

■ 92, 13.111,
345.163

■ 81, 49.573,
166.116

■ 93, 15.672,
333.226

■ 81, 55.538,

164.446

93, 18.699,
325.074

80, 60.600,
162.576

80, 64.773,
160.497

80, 67.968,
158.476

Harmonies

Complementary

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



86, 18.587, 171.242



77, 19.585, 355.319

Rectangle

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



86, 18.587, 171.242



86, 18.587, 221.242



86, 18.587, 351.242



86, 18.587, 41.242

Sweetspot

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



86, 18.589, 171.239



99, 5.970, 172.761



86, 27.046, 133.199



53, 3.959, 172.691



0, 0.000, 0.000



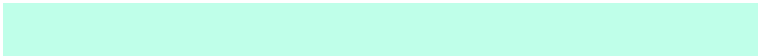
53, 0.007, 296.813

Same Dimension

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



86, 18.589, 171.239



95, 24.499, 170.779



85, 13.884, 214.138



46, 5.087, 172.409



64, 56.156, 158.876



17, 21.529, 163.145

Inverse Universe

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



77, 19.585, 355.319



84, 26.104, 355.844



78, 16.009, 34.049



44, 5.209, 354.049



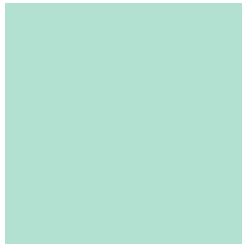
37, 65.199, 17.155



6, 25.454, 5.425

Previews

White Background



This preview shows how the CIELCh color 86, 18.587, 171.242 looks on a white background.

Color Contrast Check

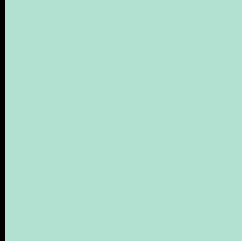
Large Text (above 18pt) WCAG AA × Fail

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, 18.587, 171.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

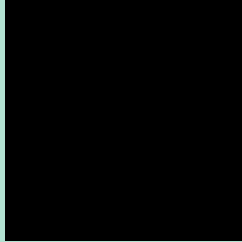
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

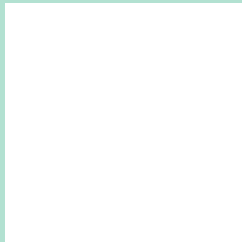
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 18.587, 171.242

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.587, 171.242.

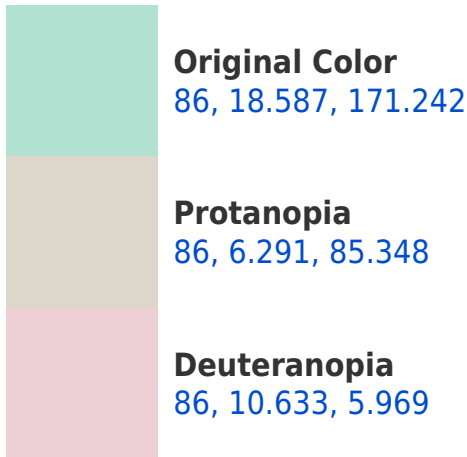


This preview shows how white text looks on a background with the CIELCh color 86, 18.587, 171.242.

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



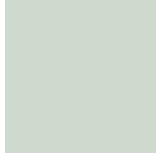


Tritanopia
86, 14.927, 235.628

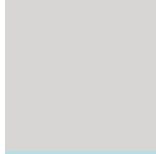
Trichromacy



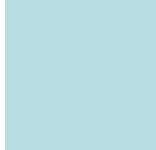
Original Color
86, 18.587, 171.242



Protanomaly
86, 8.329, 144.133



Deuteranomaly
86, 1.096, 90.723

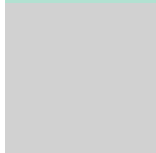


Tritanomaly
86, 13.711, 209.629

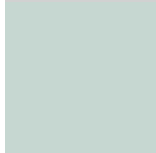
Monochromacy



Original Color
86, 18.587, 171.242



Achromatopsia
84, 0.010, 296.813



Achromatomaly
85, 6.900, 171.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.587, 171.242 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(178, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(178, 225, 209)  
}
```

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(178, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 225, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.587, 171.242 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(178, 225, 209) }
```

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

```
.border{ border-color:rgb(178, 225, 209) }
```

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

Here you see how a box with a 4 pixel rgb(178, 225, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(178, 225,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.587, 171.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 225, 209) }
```

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

```
.background{ background-color: rgb(178,  
225, 209) }
```

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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