

Converting Colors

CIELCh(86, 11.095, 184.333)

Have a look what the booklet for
CIELCh(86, 11.095, 184.333)
contains.

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Color

CIELCh(86, 10.884, 184.698)

Conversions

Conversions Part 1

Format	Color
Hex	BFDDDD8
RGB	191, 221, 216
RGB Percent	75%, 87%, 85%
CMY	0.2497, 0.1320, 0.1516
CMYK	0.14, 0.00, 0.02, 0.13
HSL	170°, 31%, 81%
HSV	170°, 14%, 87%
XYZ	59.9537, 67.9871, 75.1578
YIQ	211.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

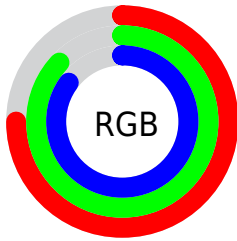
Format	Color
R _{YB}	191, 207, 221
Decimal	12574168
CIE Lab	86.00, -10.85, -0.89
CIE LCh	86, 10.884, 184.698
Yxy	67.9871, 0.2952, 0.3347
Android (android.graphics.Color)	4290764248 (0xFFBFDDD8)
YUV	211.4600, 2.2382, -17.9434
Hunter-Lab	82.4543, -14.5050, 3.6746

Details

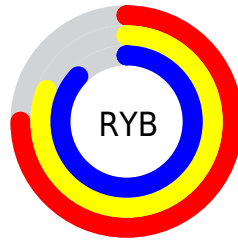
The CIELCh color **86, 10.884, 184.698** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **80, 11.550, 7.056**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.426, 199.524**, and **66, 11.055, 183.909** is the 20% darker color. If you saturate the color by 10%, you get **85, 18.540, 183.760**, and if you desaturate by 10%, it is **88, 2.897, 185.706**.

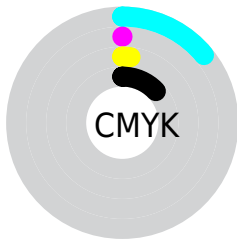
Distribution



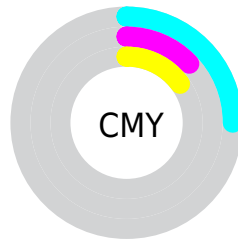
- Red (75%)
- Green (87%)
- Blue (85%)



- Red (75%)
- Yellow (81%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)




- Cyan (25%)
- Magenta (13%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 10.884, 184.698 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, 10.884, 184.698 by changing the saturation by 10% instead.


 86, 10.884,
184.698

 86, 10.884,
184.698


 100, 10.884,
184.698


 76, 10.884,
184.698


 66, 10.884,
184.698

 56, 10.884,
184.698

 46, 10.884,
184.698

 36, 10.884,
184.698

 26, 10.884,
184.698

 16, 10.884,

184.698

■ 6, 10.884, 184.698

■ 0, 10.884, 184.698

■ 86, 10.884,
184.698

■ 86, 10.884,
184.698

■ 85, 18.540,
183.760

■ 88, 2.897, 185.706

■ 83, 25.729,
182.796

■ 89, 5.309, 6.250

■ 82, 32.315,
181.779

■ 91, 12.650, 5.987

■ 81, 38.164,
180.691

■ 91, 13.190,
357.918

■ 81, 43.163,

■ 91, 13.978,
350.636

179.511

91, 14.973,
344.243

80, 47.234,
178.218

91, 16.138,
338.730

80, 50.359,
176.789

92, 17.437,
334.020

79, 52.594,
175.207

92, 18.844,
330.011

79, 53.703,
174.133

Harmonies

Complementary

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



86, 10.884, 184.698



80, 11.550, 7.056

Rectangle

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



86, 10.884, 184.698



86, 10.884, 234.698



86, 10.884, 4.698



86, 10.884, 54.698

Sweetspot

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



86, 10.885, 184.691



99, 3.651, 185.643



86, 18.172, 138.663



53, 2.593, 185.551



0, 0.000, 0.000



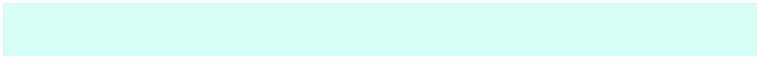
53, 0.007, 296.813

Same Dimension

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



86, 10.885, 184.691



97, 14.342, 184.453



84, 8.593, 234.862



45, 4.553, 185.078



63, 44.605, 174.433



16, 17.297, 177.680

Inverse Universe

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



80, 11.550, 7.056



89, 15.398, 7.342



82, 9.239, 52.603



43, 4.744, 6.612



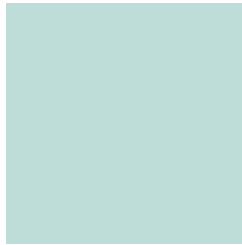
36, 70.964, 31.573



5, 23.725, 13.060

Previews

White Background



This preview shows how the CIELCh color 86, 10.884, 184.698 looks on a white background.

Color Contrast Check

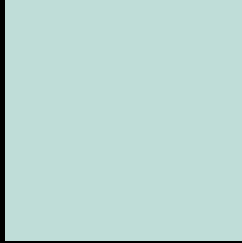
Large Text (above 18pt) WCAG AA × Fail

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, 10.884, 184.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

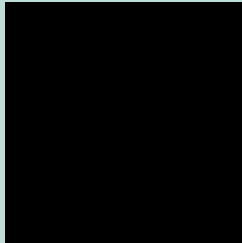
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

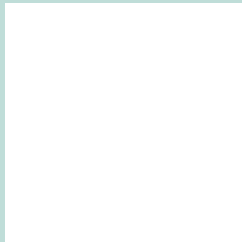
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 10.884, 184.698

Background



This preview shows how black text looks on a background with the CIELCh color 86, 10.884, 184.698.

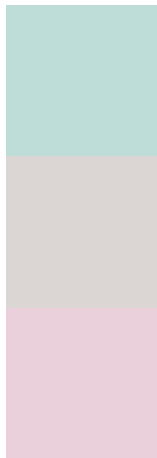


This preview shows how white text looks on a background with the CIELCh color 86, 10.884, 184.698.

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, 10.884, 184.698

Protanopia
86, 2.085, 49.337

Deuteranopia
86, 10.784, 347.930



Tritanopia
86, 12.062, 250.855

Trichromacy



Original Color
86, 10.884, 184.698

Protanomaly
86, 3.288, 170.796

Deuteranomaly
86, 3.207, 324.482

Tritanomaly
86, 9.921, 230.991

Monochromacy



Original Color
86, 10.884, 184.698

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.968, 191.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 10.884, 184.698 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(191, 221, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 221, 216)  
}
```

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(191, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 221, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 10.884, 184.698 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(191, 221, 216) }
```

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

```
.border{ border-color:rgb(191, 221, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 221,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 10.884, 184.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 221, 216) }
```

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

```
.background{ background-color: rgb(191,  
221, 216) }
```

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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