

Converting Colors

CIELCh(86, 17.803, 26.811)

Have a look what the booklet for
CIELCh(86, 17.803, 26.811) contains.

CIELCh(86, 17.900, 25.698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 17.900, 25.698)

Conversions

Conversions Part 1

Format	Color
Hex	FBCCC9
RGB	251, 204, 201
RGB Percent	98%, 80%, 79%
CMY	0.0153, 0.1996, 0.2114
CMYK	0.00, 0.19, 0.20, 0.02
HSL	4°, 87%, 89%
HSV	4°, 20%, 98%
XYZ	71.9959, 67.9871, 64.6509
YIQ	217.7110, 28.9750, 9.0310

Conversions

Conversions Part 2

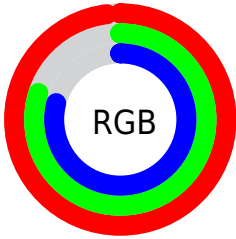
Format	Color
R _Y B	251, 204, 201
Decimal	16501961
CIE Lab	86.00, 16.13, 7.76
CIE LCh	86, 17.900, 25.698
Yxy	67.9871, 0.3518, 0.3322
Android (android.graphics.Color)	4294692041 (0xFFFBCCC9)
YUV	217.7110, -8.2385, 29.1945
Hunter-Lab	82.4543, 11.5643, 11.2298

Details

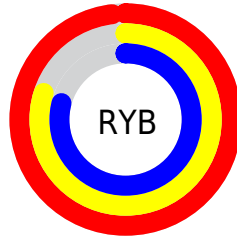
The CIELCh color **86, 17.900, 25.698** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 15.628, 204.169**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 17.887, 26.314** is the 20% darker color. If you saturate the color by 10%, you get **80, 28.001, 26.523**, and if you desaturate by 10%, it is **92, 8.551, 25.077**.

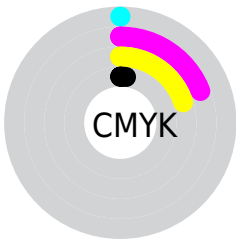
Distribution



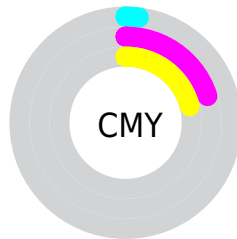
- Red (98%)
- Green (80%)
- Blue (79%)



- Red (98%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (19%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 17.900, 25.698 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, 17.900, 25.698 by changing the saturation by 10% instead.

86, 17.900, 25.698

86, 17.900, 25.698

100, 17.900,
25.698

76, 17.900, 25.698

66, 17.900, 25.698

56, 17.900, 25.698

46, 17.900, 25.698

36, 17.900, 25.698

26, 17.900, 25.698

16, 17.900, 25.698

6, 17.900, 25.698

0, 17.900, 25.698

86, 17.900, 25.698

86, 17.900, 25.698

80, 28.001, 26.523

92, 8.551, 25.077

74, 38.842, 27.618

99, 0.072, 213.915

69, 50.332, 29.074

100, 1.351,
199.810

64, 62.276, 30.975

60, 74.348, 33.360

56, 85.984, 36.117

54, 96.026, 38.745

53, 102.561,
40.435

53, 102.609,
40.452

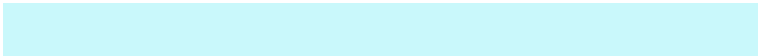
Harmonies

Complementary

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



86, 17.900, 25.698



95, 15.628, 204.169

Rectangle

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



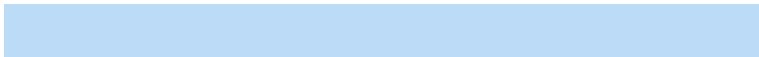
86, 17.900, 25.698



86, 17.900, 75.698



86, 17.900, 205.698



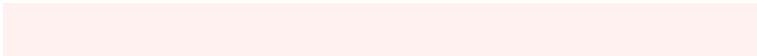
86, 17.900, 255.698

Sweetspot

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



86, 17.898, 25.706



96, 5.157, 24.841



87, 30.404, 326.927



51, 3.430, 24.883



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

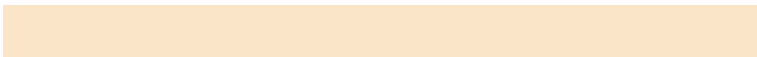
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 17.898, 25.706



85, 22.212, 26.013



92, 16.566, 78.048



49, 4.875, 25.052



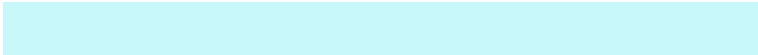
40, 82.562, 40.619



10, 30.975, 29.202

Inverse Universe

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



95, 15.628, 204.169



95, 18.802, 204.076



88, 15.968, 263.588



51, 4.583, 204.492



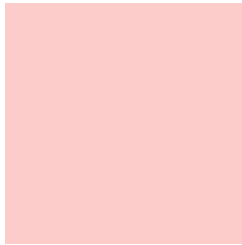
66, 36.956, 206.526



21, 16.866, 205.150

Previews

White Background



This preview shows how the CIELCh color 86, 17.900, 25.698 looks on a white background.

Color Contrast Check

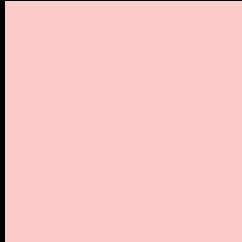
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 17.900, 25.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

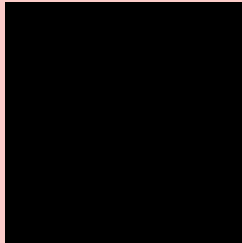
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 17.900, 25.698

Background



This preview shows how black text looks on a background with the CIELCh color 86, 17.900, 25.698.

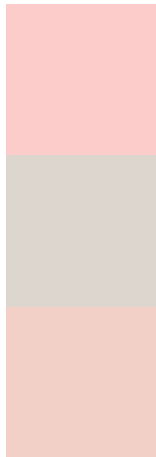


This preview shows how white text looks on a background with the CIELCh color 86, 17.900, 25.698.

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, 17.900, 25.698

Protanopia

86, 4.454, 74.562

Deuteranopia

86, 13.536, 38.152



Tritanopia
86, 20.329, 358.439

Trichromacy



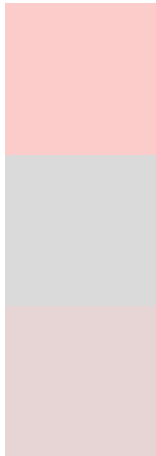
Original Color
86, 17.900, 25.698

Protanomaly
86, 8.591, 37.577

Deuteranomaly
86, 14.870, 34.545

Tritanomaly
86, 18.696, 8.015

Monochromacy



Original Color
86, 17.900, 25.698

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.258, 24.542

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 17.900, 25.698 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(251, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 204, 201)  
}
```

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(251, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 204, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 17.900, 25.698 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(251, 204, 201) }
```

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

```
.border{ border-color:rgb(251, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 204,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 17.900, 25.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 204, 201) }
```

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

```
.background{ background-color: rgb(251,  
204, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor