

Converting Colors

CIELCh(88, 26.112, 27.858)

Have a look what the booklet for
CIELCh(88, 26.112, 27.858) contains.

CIELCh(86, 19.647, 28.393)	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, 19.647, 28.393)

Conversions

Conversions Part 1

Format	Color
Hex	FECBC6
RGB	254, 203, 198
RGB Percent	100%, 80%, 78%
CMY	0.0033, 0.2031, 0.2228
CMYK	0.00, 0.20, 0.22, 0.00
HSL	5°, 97%, 89%
HSV	5°, 22%, 100%
XYZ	72.5442, 67.9871, 62.8443
YIQ	217.6790, 32.0010, 9.2570

Conversions

Conversions Part 2

Format	Color
RYB	254, 203, 198
Decimal	16698310
CIELab	86.00, 17.28, 9.34
CIElCh	86, 19.647, 28.393
Yxy	67.9871, 0.3567, 0.3343
Android (android.graphics.Color)	4294888390 (0xFFFEBC6)
YUV	217.6790, -9.7017, 31.8535
Hunter-Lab	82.4543, 12.7512, 12.5288

Details

The CIELCh color **86, 19.647, 28.393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 16.865, 207.218**, 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, 19.807, 29.131** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.772, 29.119**, and if you desaturate by 10%, it is **92, 10.283, 27.873**.

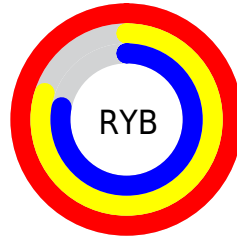
Distribution



Red (100%)

Green (80%)

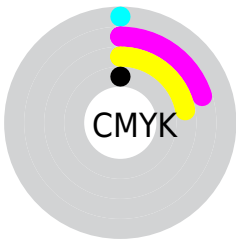
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

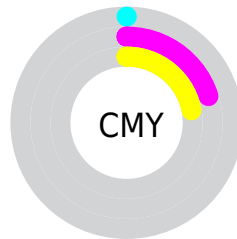


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.647, 28.393 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, 19.647, 28.393 by changing the saturation by 10% instead.

86, 19.647, 28.393

86, 19.647, 28.393

100, 19.647,
28.393

76, 19.647, 28.393

66, 19.647, 28.393

56, 19.647, 28.393

46, 19.647, 28.393

36, 19.647, 28.393

26, 19.647, 28.393

16, 19.647, 28.393

6, 19.647, 28.393

0, 19.647, 28.393

86, 19.647, 28.393

86, 19.647, 28.393

80, 29.772, 29.119

92, 10.283, 27.873

74, 40.651, 30.106

98, 1.655, 27.196

69, 52.200, 31.435

100, 0.295,
201.631

64, 64.230, 33.172

60, 76.402, 35.326

57, 88.075, 37.731

55, 97.848, 39.802

54, 103.028,
40.769

Harmonies

Complementary

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



86, 19.647, 28.393



95, 16.865, 207.218

Rectangle

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



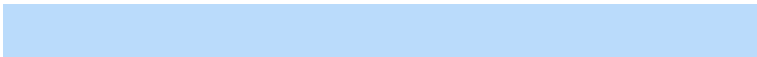
86, 19.647, 28.393



86, 19.647, 78.393



86, 19.647, 208.393



86, 19.647, 258.393

Sweetspot

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



86, 19.645, 28.401



96, 5.884, 27.637



86, 33.185, 328.041



51, 3.832, 27.667



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

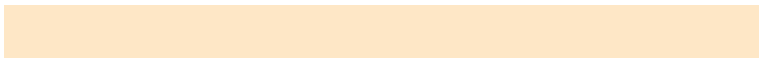
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 19.645, 28.401



84, 23.653, 28.660



93, 19.026, 80.986



50, 4.829, 27.757



40, 82.917, 40.982



11, 31.667, 31.551

Inverse Universe

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



95, 16.865, 207.218



94, 19.687, 207.197



88, 18.467, 267.197



52, 4.538, 207.422



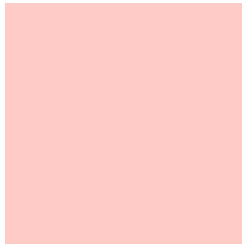
65, 36.255, 212.115



22, 16.844, 210.021

Previews

White Background



This preview shows how the CIELCh color 86, 19.647, 28.393 looks on a white background.

Color Contrast Check

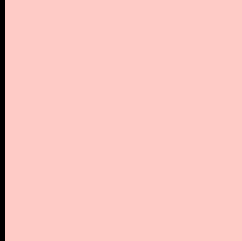
Large Text (above 18pt) WCAG AA × Fail

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, 19.647, 28.393 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, 19.647, 28.393

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.647, 28.393.

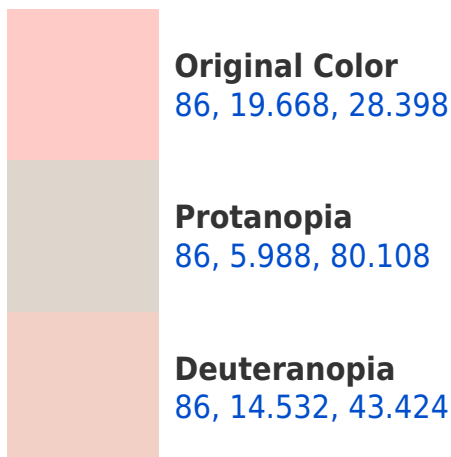


This preview shows how white text looks on a background with the CIELCh color 86, 19.647, 28.393.

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, 21.389, 359.723

Trichromacy



Original Color
86, 19.668, 28.398

Protanomaly
86, 9.920, 44.796

Deuteranomaly
86, 16.356, 37.072

Tritanomaly
86, 20.202, 9.128

Monochromacy



Original Color
86, 19.668, 28.398

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.700, 28.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.647, 28.393 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(254, 203, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 198)  
}
```

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(254, 203, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.647, 28.393 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(254, 203, 198) }
```

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

```
.border{ border-color:rgb(254, 203, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.647, 28.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 198) }
```

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

```
.background{ background-color: rgb(254,  
203, 198) }
```

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