

Converting Colors

CIELCh(86, 19.465, 6.052)

Have a look what the booklet for
CIELCh(86, 19.465, 6.052) contains.

CIELCh(86, 19.638, 5.603)	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, 19.638, 5.603)

Conversions

Conversions Part 1

Format	Color
Hex	FDCAD4
RGB	253, 202, 212
RGB Percent	99%, 79%, 83%
CMY	0.0072, 0.2072, 0.1680
CMYK	0.00, 0.20, 0.16, 0.01
HSL	348°, 93%, 89%
HSV	348°, 20%, 99%
XYZ	73.6262, 67.9871, 71.6315
YIQ	218.3890, 27.1860, 13.9220

Conversions

Conversions Part 2

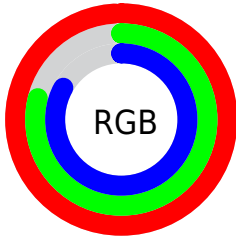
Format	Color
R _Y B	253, 202, 212
Decimal	16632532
CIE Lab	86.00, 19.54, 1.92
CIE LCh	86, 19.638, 5.603
Yxy	67.9871, 0.3453, 0.3188
Android (android.graphics.Color)	4294822612 (0xFFFD CAD4)
YUV	218.3890, -3.1498, 30.3538
Hunter-Lab	82.4543, 15.0935, 6.2103

Details

The CIELCh color **86, 19.638, 5.603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 18.068, 181.741**, 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, 19.540, 6.758** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.072, 6.962**, and if you desaturate by 10%, it is **93, 9.635, 4.458**.

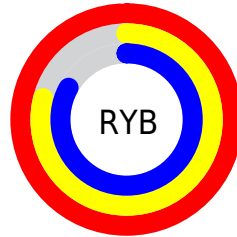
Distribution



Red (99%)

Green (79%)

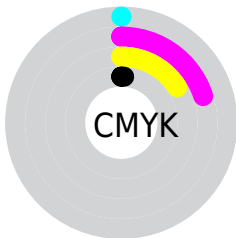
Blue (83%)



Red (99%)

Yellow (79%)

Blue (83%)

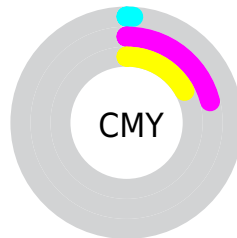


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (1%)



Cyan (1%)

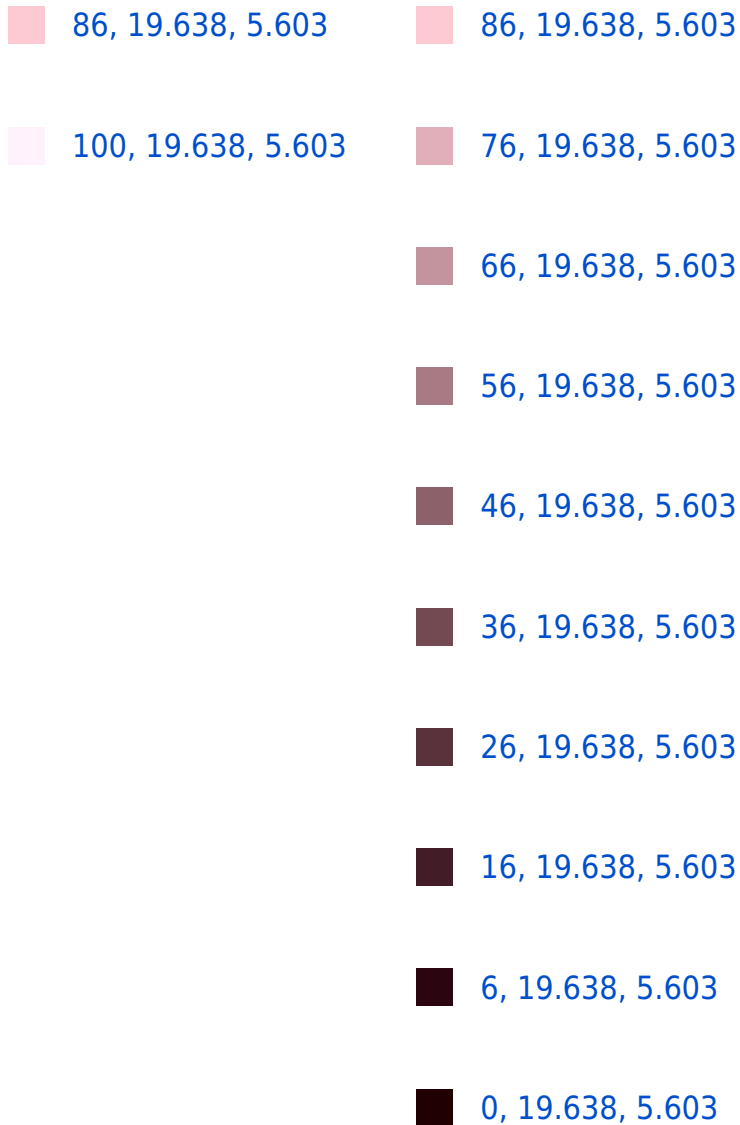
Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.638, 5.603 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, 19.638, 5.603 by changing the saturation by 10% instead.



86, 19.638, 5.603

86, 19.638, 5.603

80, 30.072, 6.962

93, 9.635, 4.458

74, 40.794, 8.611

99, 0.140, 359.203

68, 51.547, 10.663

100, 0.639,
200.402

63, 61.963, 13.258

59, 71.616, 16.553

56, 80.146, 20.681

54, 87.426, 25.632

53, 93.628, 30.889

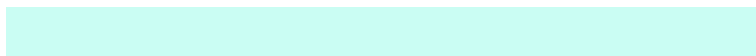
Harmonies

Complementary

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



86, 19.638, 5.603



96, 18.068, 181.741

Rectangle

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



86, 19.638, 5.603



86, 19.638, 55.603



86, 19.638, 185.603



86, 19.638, 235.603

Sweetspot

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



86, 19.635, 5.608



96, 5.668, 4.002



86, 30.307, 319.708



51, 3.766, 4.076



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, 19.635, 5.608



84, 23.751, 6.102



89, 15.747, 50.258



50, 5.422, 4.388



40, 75.143, 29.895



10, 32.008, 18.934

Inverse Universe

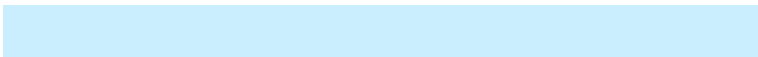
The Inverse Universe completely reimagines the original color for something new.



86, 19.635, 5.608



84, 23.751, 6.102



92, 14.006, 233.359



50, 5.422, 4.388



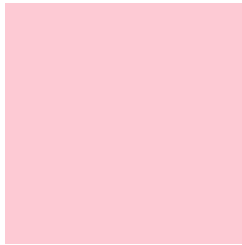
40, 75.143, 29.895



10, 32.008, 18.934

Previews

White Background



This preview shows how the CIELCh color 86, 19.638, 5.603 looks on a white background.

Color Contrast Check

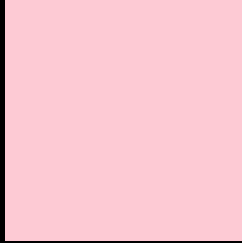
Large Text (above 18pt) WCAG AA × Fail

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, 19.638, 5.603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

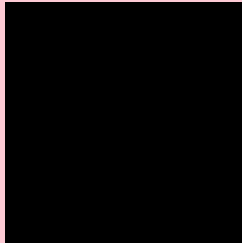
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.638, 5.603

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.638, 5.603.

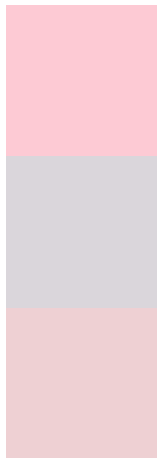


This preview shows how white text looks on a background with the CIELCh color 86, 19.638, 5.603.

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, 19.638, 5.603

Protanopia
86, 3.014, 318.838

Deuteranopia
86, 11.202, 12.190



Tritanopia
86, 21.208, 357.981

Trichromacy



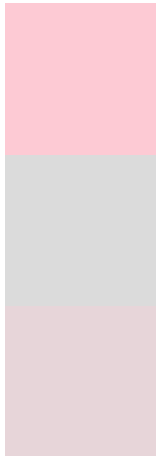
Original Color
86, 19.638, 5.603

Protanomaly
86, 8.500, 354.490

Deuteranomaly
86, 14.332, 10.019

Tritanomaly
86, 20.885, 0.661

Monochromacy



Original Color
86, 19.638, 5.603

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.894, 2.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.638, 5.603 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(253, 202, 212)` looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 212)  
}
```

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(253, 202, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.638, 5.603 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(253, 202, 212) }
```

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

```
.border{ border-color:rgb(253, 202, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 212);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.638, 5.603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 212) }
```

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

```
.background{ background-color: rgb(253,  
202, 212) }
```

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