

Converting Colors

CIELCh(84, 19.212, 4.981)

Have a look what the booklet for
CIELCh(84, 19.212, 4.981) contains.

CIELCh(84, 18.998, 4.967)	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(84, 18.998, 4.967)

Conversions

Conversions Part 1

Format	Color
Hex	F6C5CF
RGB	246, 197, 207
RGB Percent	96%, 77%, 81%
CMY	0.0351, 0.2272, 0.1880
CMYK	0.00, 0.20, 0.16, 0.04
HSL	348°, 73%, 87%
HSV	348°, 20%, 96%
XYZ	69.2713, 64.0658, 67.7792
YIQ	212.7910, 25.9940, 13.4980

Conversions

Conversions Part 2

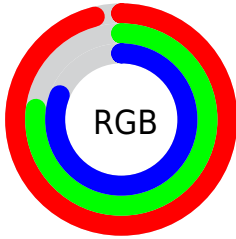
Format	Color
R _Y B	246, 197, 207
Decimal	16172495
CIE Lab	84.00, 18.93, 1.64
CIE LCh	84, 18.998, 4.967
Yxy	64.0658, 0.3444, 0.3186
Android (android.graphics.Color)	4294362575 (0xFFFF6C5CF)
YUV	212.7910, -2.8550, 29.1243
Hunter-Lab	80.0411, 14.4104, 5.8217

Details

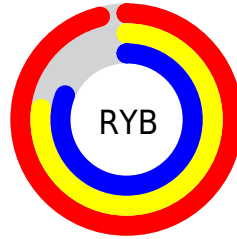
The CIELCh color **84, 18.998, 4.967** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 17.534, 181.142**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **64, 18.988, 4.484** is the 20% darker color. If you saturate the color by 10%, you get **78, 29.189, 6.318**, and if you desaturate by 10%, it is **90, 9.218, 3.824**.

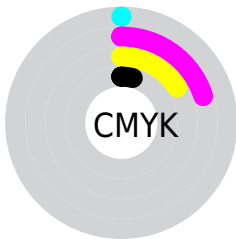
Distribution



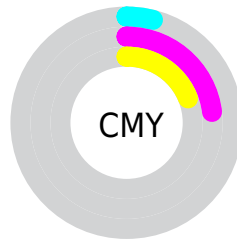
- Red (96%)
- Green (77%)
- Blue (81%)



- Red (96%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 18.998, 4.967 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 84, 18.998, 4.967 by changing the saturation by 10% instead.



84, 18.998, 4.967

84, 18.998, 4.967

78, 29.189, 6.318

90, 9.218, 3.824

72, 39.652, 7.952

97, 0.075, 190.911

67, 50.135, 9.982

99, 3.095, 199.423

62, 60.279, 12.544

58, 69.663, 15.797

55, 77.930, 19.879

53, 84.952, 24.803

52, 91.009, 30.168

52, 91.062, 30.212

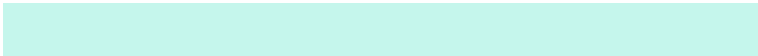
Harmonies

Complementary

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



84, 18.998, 4.967



93, 17.534, 181.142

Rectangle

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



84, 18.998, 4.967



84, 18.998, 54.967



84, 18.998, 184.967



84, 18.998, 234.967

Sweetspot

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



84, 18.996, 4.972



96, 5.685, 3.394



84, 29.143, 319.186



51, 3.777, 3.468



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

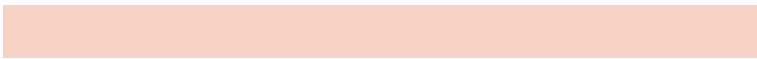
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 18.996, 4.972



84, 23.799, 5.499



87, 15.257, 48.366



48, 5.257, 3.778



39, 73.189, 29.183



9, 29.983, 16.531

Inverse Universe

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



84, 18.996, 4.972



84, 23.799, 5.499



90, 13.542, 231.114



48, 5.257, 3.778



39, 73.189, 29.183



9, 29.983, 16.531

Previews

White Background



This preview shows how the CIELCh color 84, 18.998, 4.967 looks on a white background.

Color Contrast Check

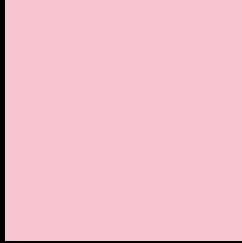
Large Text (above 18pt) WCAG AA × Fail

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 84, 18.998, 4.967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

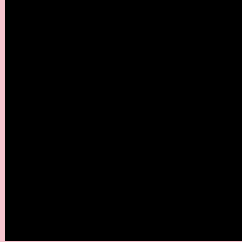
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 18.998, 4.967

Background



This preview shows how black text looks on a background with the CIELCh color 84, 18.998, 4.967.



This preview shows how white text looks on a background with the CIELCh color 84, 18.998, 4.967.

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

84, 18.998, 4.967

Protanopia

84, 2.869, 312.524

Deuteranopia

84, 10.508, 11.572



Tritanopia
84, 20.615, 357.128

Trichromacy



Original Color
84, 18.998, 4.967

Protanomaly
84, 7.654, 355.610

Deuteranomaly
84, 13.283, 9.054

Tritanomaly
84, 20.275, 359.886

Monochromacy



Original Color
84, 18.998, 4.967

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.931, 2.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 18.998, 4.967 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(246, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(246, 197, 207)  
}
```

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(246, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 197, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 18.998, 4.967 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(246, 197, 207) }
```

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

```
.border{ border-color:rgb(246, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(246, 197,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 18.998, 4.967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 197, 207) }
```

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

```
.background{ background-color: rgb(246,  
197, 207) }
```

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