

Converting Colors

CIELCh(84, 18.213, 9.275)

Have a look what the booklet for
CIELCh(84, 18.213, 9.275) contains.

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Color

CIELCh(84, 17.961, 9.084)

Conversions

Conversions Part 1

Format	Color
Hex	F5C6CD
RGB	245, 198, 205
RGB Percent	96%, 78%, 80%
CMY	0.0401, 0.2243, 0.1969
CMYK	0.00, 0.19, 0.16, 0.04
HSL	351°, 70%, 87%
HSV	351°, 19%, 96%
XYZ	68.7227, 64.0658, 66.3711
YIQ	212.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

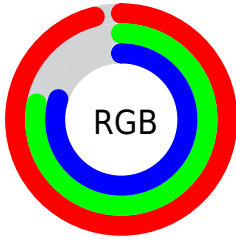
Format	Color
R _Y B	245, 198, 205
Decimal	16107213
CIE Lab	84.00, 17.74, 2.84
CIE LCh	84, 17.961, 9.084
Yxy	64.0658, 0.3451, 0.3217
Android (android.graphics.Color)	4294297293 (0xFFF5C6CD)
YUV	212.8510, -3.8705, 28.1947
Hunter-Lab	80.0411, 13.1870, 6.8647

Details

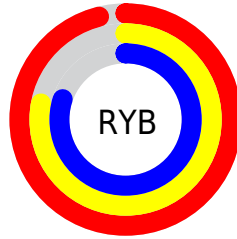
The CIELCh color **84, 17.961, 9.084** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 16.408, 185.610**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **64, 17.894, 8.777** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.065, 10.397**, and if you desaturate by 10%, it is **90, 8.354, 7.984**.

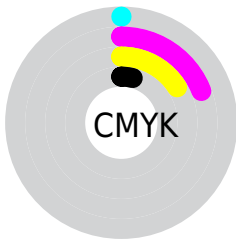
Distribution



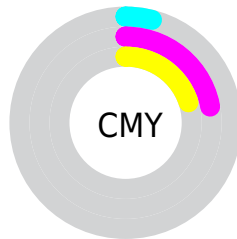
- Red (96%)
- Green (78%)
- Blue (80%)



- Red (96%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 17.961, 9.084 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, 17.961, 9.084 by changing the saturation by 10% instead.



84, 17.961, 9.084

84, 17.961, 9.084

78, 28.065, 10.397

90, 8.354, 7.984

72, 38.557, 12.003

97, 0.706, 188.027

66, 49.220, 14.017

99, 3.531, 199.369

62, 59.735, 16.572

57, 69.714, 19.817

54, 78.798, 23.855

52, 86.781, 28.620

51, 93.600, 33.594

51, 94.123, 33.952

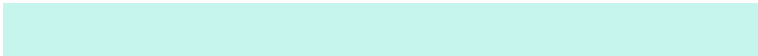
Harmonies

Complementary

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



84, 17.961, 9.084



93, 16.408, 185.610

Rectangle

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



84, 17.961, 9.084



84, 17.961, 59.084



84, 17.961, 189.084



84, 17.961, 239.084

Sweetspot

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



84, 17.959, 9.090



96, 5.582, 7.643



84, 28.456, 321.171



51, 3.710, 7.715



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, 17.959, 9.090



85, 22.486, 9.564



88, 14.466, 56.112



48, 5.168, 8.015



39, 75.910, 33.048



8, 30.206, 18.932

Inverse Universe

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



84, 17.959, 9.090



85, 22.486, 9.564



89, 13.114, 239.864



48, 5.168, 8.015



39, 75.910, 33.048



8, 30.206, 18.932

Previews

White Background



This preview shows how the CIELCh color 84, 17.961, 9.084 looks on a white background.

Color Contrast Check

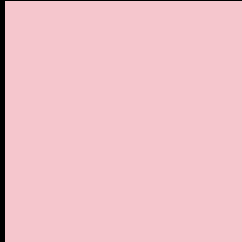
Large Text (above 18pt) WCAG AA × Fail

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 84, 17.961, 9.084 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, 17.961, 9.084

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.961, 9.084.



This preview shows how white text looks on a background with the CIELCh color 84, 17.961, 9.084.

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
84, 19.730, 357.567

Trichromacy



Original Color
84, 17.961, 9.084

Protanomaly
84, 7.655, 4.010

Deuteranomaly
84, 13.542, 13.777

Tritanomaly
84, 19.250, 1.938

Monochromacy



Original Color
84, 17.961, 9.084

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.798, 6.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.961, 9.084 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(245, 198, 205)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 205)  
}
```

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(245, 198, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.961, 9.084 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(245, 198, 205) }
```

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

```
.border{ border-color:rgb(245, 198, 205) }
```

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

Here you see how a box with a 4 pixel rgb(245, 198, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 205);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.961, 9.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 198, 205) }
```

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

```
.background{ background-color: rgb(245,  
198, 205) }
```

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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