

# Converting Colors

Hex(AFC7C7)

Have a look what the booklet for  
Hex(AFC7C7) contains.

<b>Hex(AFC7C7)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AFC7C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFC7C7
RGB	175, 199, 199
RGB Percent	69%, 78%, 78%
CMY	0.3137, 0.2196, 0.2196
CMYK	0.12, 0.00, 0.00, 0.22
HSL	180°, 18%, 73%
HSV	180°, 12%, 78%
XYZ	48.4114, 54.0843, 61.9206
YIQ	191.8240, -14.3040, -5.0880

# Conversions

## Conversions Part 2

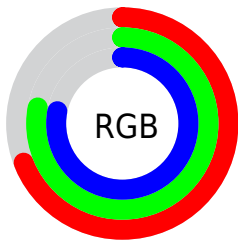
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 187, 199
Decimal	11519943
CIE Lab	78.51, -8.07, -2.75
CIE LCh	79, 8.524, 198.821
Yxy	54.0843, 0.2944, 0.3289
Android (android.graphics.Color)	4289710023 (0xFFAFC7C7)
YUV	191.8240, 3.5378, -14.7546
Hunter-Lab	73.5420, -11.1952, 1.5587

# Details

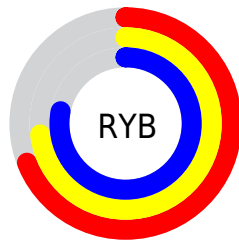
The Hex color **AFC7C7** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C7AFAF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E7FFFF**, and **7A9191** is the 20% darker color. If you saturate the color by 10%, you get **9BC7C7**, and if you desaturate by 10%, it is **C3C7C7**.

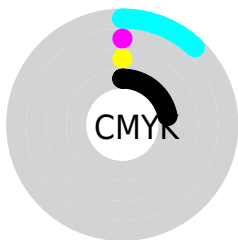
# Distribution



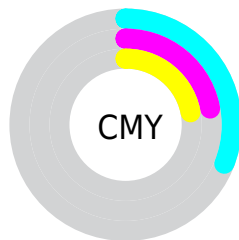
- Red (69%)
- Green (78%)
- Blue (78%)



- Red (69%)
- Yellow (73%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AFC7C7 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 Hex color AFC7C7 by changing the saturation by 10% instead.



 AFC7C7

 AFC7C7

FFFFFF

 94ACAC

 E7FFFF

 7A9191

 617778

 495F5F

 324747

 1C3131

 061C1C

 000000

 AFC7C7

 AFC7C7

 9BC7C7

 C3C7C7

 87C7C7

 D7C7C7

 73C7C7

 EBC7C7

 5FC7C7

 FFC7C7

 4CC7C7

 38C7C7

 24C7C7

 10C7C7

 00C7C7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B3C7BF



AFC7C7



B0C6CE

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AFC7C7



CABFCD



CCC1B3

# Complementary

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



AFC7C7



C7AFAF

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D2BEB7



AFC7C7



D1BDC6

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AFC7C7



C0C1D1



D4BDBD



C3C3B3

# Rectangle

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



AFC7C7



B4C5D1



D4BDBD



CEC0B4



# Sweetspot

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



AFC7C7



F5FFFF



AFC7AF



798080



000000



808080



# Same Dimension

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



AFC7C7



DBFFFF



AFBBC7



5A6363



00A3A3



002424



# Inverse Universe

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



C7AFC7



FFDBFF



C7BBAF



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color AFC7C7 looks on a white background.

## Color Contrast Check

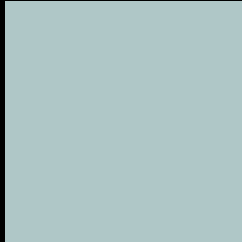
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AFC7C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

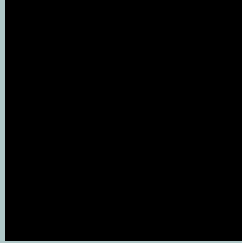
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

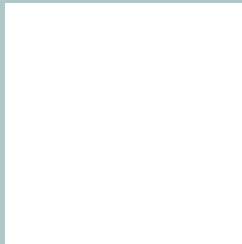
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AFC7C7 Background



This preview shows how black text looks on a background with the Hex color AFC7C7.

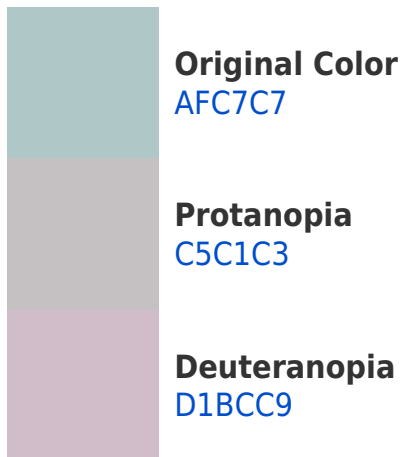


This preview shows how white text looks on a background with the Hex color AFC7C7.

# Color Blindness Simulation

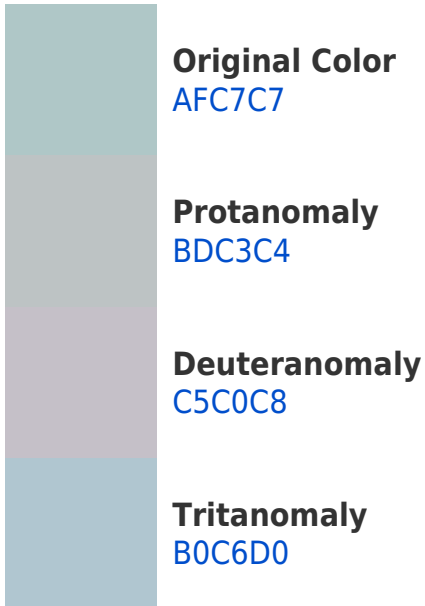
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

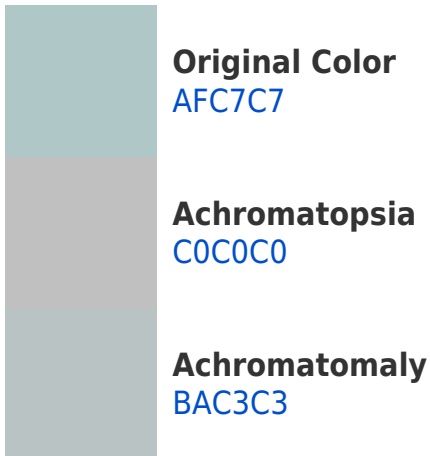




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFC7C7 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 #AFC7C7 looks like.

```
.text, #text, p{  
    color:#AFC7C7  
}
```

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 #AFC7C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFC7C7
}
```

## Border

The CSS property to change the border of an element to Hex AFC7C7 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
#AFC7C7 }
```

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

```
.border{ border-color:#AFC7C7 }
```

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

Here you see how a box with a 4 pixel `#AFC7C7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFC7C7; -webkit-box-shadow:4px 4px  
4px 4px #AFC7C7; box-shadow:4px 4px 4px  
4px #AFC7C7 }
```

# Background

The CSS property to change the background color of an element to Hex AFC7C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFC7C7 }
```

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

```
.background{ background-color:#AFC7C7 }
```

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