

# Converting Colors

Hex(ACB8B8)

Have a look what the booklet for  
Hex(ACB8B8) contains.

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# **Color**

**Hex(ACB8B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACB8B8
RGB	172, 184, 184
RGB Percent	67%, 72%, 72%
CMY	0.3255, 0.2784, 0.2784
CMYK	0.07, 0.00, 0.00, 0.28
HSL	180°, 8%, 70%
HSV	180°, 7%, 72%
XYZ	42.8055, 46.5123, 52.0691
YIQ	180.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

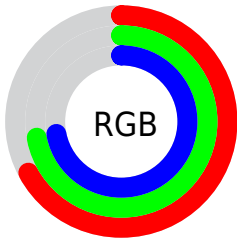
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 178, 184
Decimal	11319480
CIE Lab	73.88, -4.14, -1.44
CIE LCh	74, 4.386, 199.169
Yxy	46.5123, 0.3028, 0.3290
Android (android.graphics.Color)	4289509560 (0xFFACB8B8)
YUV	180.4120, 1.7689, -7.3773
Hunter-Lab	68.1999, -7.3150, 2.4734

# Details

The Hex color **ACB8B8** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **B8ACAC**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E3F0F0**, and **788383** is the 20% darker color. If you saturate the color by 10%, you get **9AB8B8**, and if you desaturate by 10%, it is **BEB8B8**.

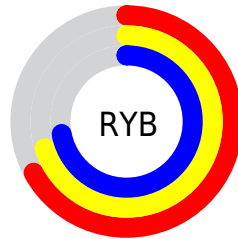
# Distribution



Red (67%)

Green (72%)

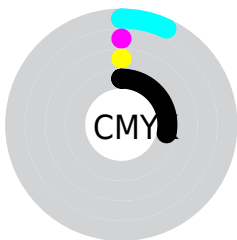
Blue (72%)



Red (67%)

Yellow (70%)

Blue (72%)

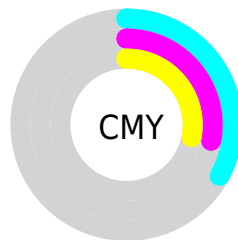


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (28%)



Cyan (33%)

Magenta (28%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACB8B8 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 ACB8B8 by changing the saturation by 10% instead.



■ ACB8B8

FFFFFF

■ E3F0F0

■ ACB8B8

■ 919D9D

■ 788383

■ 5F6A6A

■ 475252

■ 313B3B

■ 1C2525

■ 021010

■ 000000

■ ACB8B8

■ ACB8B8

9AB8B8

BEB8B8

87B8B8

D1B8B8

75B8B8

E3B8B8

62B8B8

F6B8B8

50B8B8

FFB8B8

3EB8B8

2BB8B8

19B8B8

06B8B8

# Harmonies

## Analogous

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



AEB8B4



ACB8B8



ADB7BB

# Triad

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



ACB8B8



B9B4BB



BBB5AE

# Complementary

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



ACB8B8



B8ACAC

# 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.



**BEB4B0**



**ACB8B8**



**BDB3B7**

# Square

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



ACB8B8



B5B5BD



BFB3B3



B6B6AE

# Rectangle

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



ACB8B8



AFB7BD



BFB3B3



BCB4AE

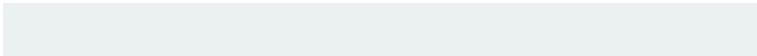


# Sweetspot

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



ACB8B8



EBF0F0



ACB8AC



757878



F7F7F7



787878



# Same Dimension

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



ACB8B8



DDF0F0



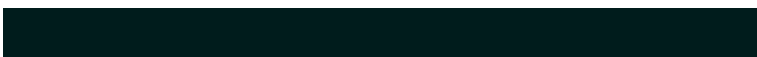
ACB2B8



535C5C



009C9C



001C1C



# Inverse Universe

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



B8ACB8



F0DDF0



B8B2AC



5C535C



9C009C

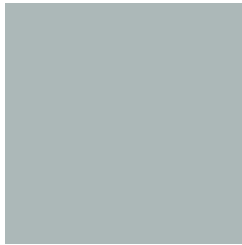


1C001C



# Previews

## White Background



This preview shows how the Hex color ACB8B8 looks on a white background.

## Color Contrast Check

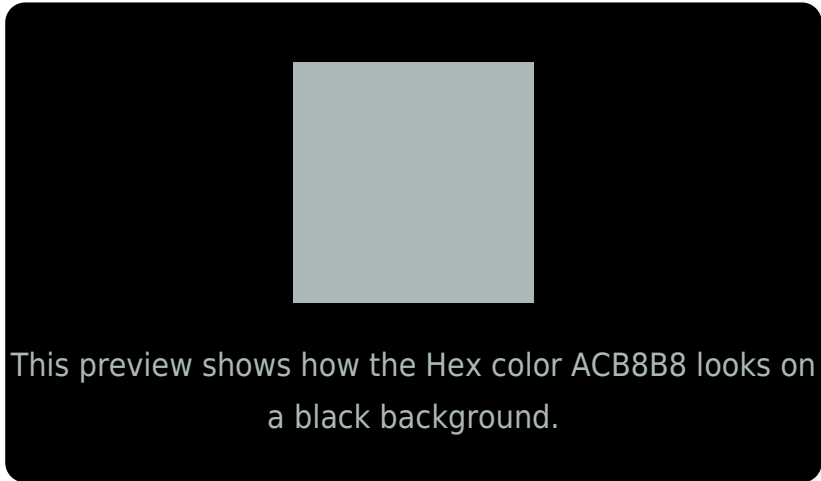
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

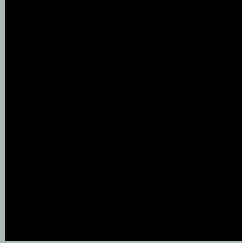
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

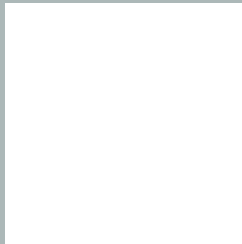
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex ACB8B8 Background



This preview shows how black text looks on a background with the Hex color ACB8B8.



This preview shows how white text looks on a background with the Hex color ACB8B8.

# 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



**Original Color**  
ACB8B8

**Protanomaly**  
B4B5B7

**Deuteranomaly**  
BCB3B9

**Tritanomaly**  
ADB7C0

# Monochromacy



**Original Color**  
ACB8B8

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
B1B5B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACB8B8 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 #ACB8B8 looks like.

```
.text, #text, p{  
    color:#ACB8B8  
}
```

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 #ACB8B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACB8B8  
}
```

## Border

The CSS property to change the border of an element to Hex ACB8B8 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  
#ACB8B8 }
```

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

```
.border{ border-color:#ACB8B8 }
```

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

Here you see how a box with a 4 pixel #ACB8B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACB8B8; -webkit-box-shadow:4px 4px  
4px 4px #ACB8B8; box-shadow:4px 4px 4px  
4px #ACB8B8 }
```

# Background

The CSS property to change the background color of an element to Hex ACB8B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACB8B8 }
```

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

```
.background{ background-color:#ACB8B8 }
```

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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