

# Converting Colors

Hex(C8AEC8)

Have a look what the booklet for  
Hex(C8AEC8) contains.

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# **Color**

**Hex(C8AEC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8AEC8
RGB	200, 174, 200
RGB Percent	78%, 68%, 78%
CMY	0.2157, 0.3176, 0.2157
CMYK	0.00, 0.13, 0.00, 0.22
HSL	300°, 19%, 73%
HSV	300°, 13%, 78%
XYZ	49.3808, 46.7216, 61.0591
YIQ	184.7380, 7.1500, 13.5980

# Conversions

## Conversions Part 2

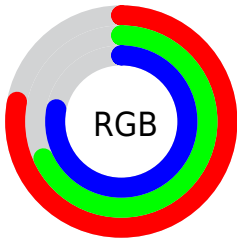
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 174, 200
Decimal	13151944
CIE Lab	74.01, 13.97, -9.74
CIE LCh	74, 17.031, 325.136
Yxy	46.7216, 0.3142, 0.2973
Android (android.graphics.Color)	4291342024 (0xFFC8AEC8)
YUV	184.7380, 7.5242, 13.3848
Hunter-Lab	68.3532, 9.3367, -5.1158

# Details

The Hex color **C8AEC8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **AEC8AE**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFE6FF**, and **927A92** is the 20% darker color. If you saturate the color by 10%, you get **C89AC8**, and if you desaturate by 10%, it is **C8C2C8**.

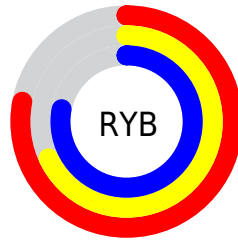
# Distribution



Red (78%)

Green (68%)

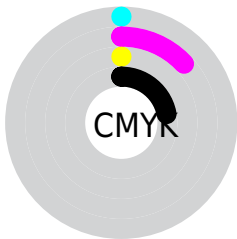
Blue (78%)



Red (78%)

Yellow (68%)

Blue (78%)

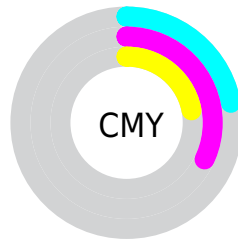


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (32%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8AEC8 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 C8AEC8 by changing the saturation by 10% instead.



 C8AEC8

 C8AEC8

FFFFFF

 AD93AD


 FFE6FF

 927A92

 786178

 5F4960

 473248

 311D31

 1D051D

 000000

 C8AEC8

 C8AEC8

 C89AC8

 C8C2C8

 C886C8

 C8D6C8

 C872C8

 C8EAC8

 C85EC8

 C8FEC8

 C84AC8

 C8FFC8

 C836C8

 C822C8

 C80EC8

 C800C8

# Harmonies

## Analogous

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



B6B3D2



C8AEC8



D4ABB9

# Triad

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



C8AEC8



C5B497



8DBFC3

# Complementary

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



C8AEC8



AEC8AE

# 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.



93BFB3



C8AEC8



B4B99A

# Square

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



C8AEC8



D1AF9D



A2BDA4



92BCCF

# Rectangle

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



C8AEC8



D7ABAE



A2BDA4



8EBFBD



# Sweetspot

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



C8AEC8



FFF5FF



AEAEC8



807980



000000



808080



# Same Dimension

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



C8AEC8



FFD6FF



C8AEBB



635A63



A300A3



240024



# Inverse Universe

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



C8AEC8



FFD6FF



AEC8BB



635A63



A300A3



240024



# Previews

## White Background



This preview shows how the Hex color C8AEC8 looks on a white background.

## Color Contrast Check

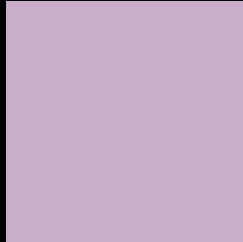
Large Text (above 18pt) WCAG AA × Fail

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 C8AEC8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

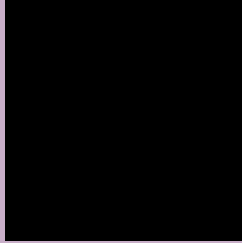
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8AEC8 Background



This preview shows how black text looks on a background with the Hex color C8AEC8.

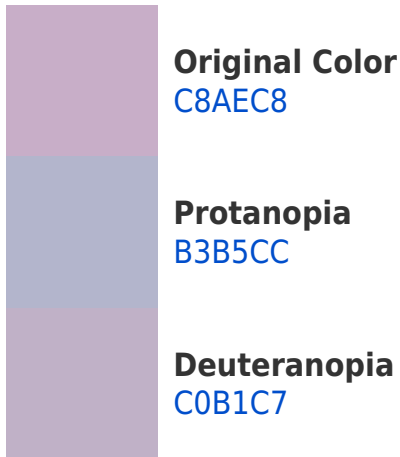



This preview shows how white text looks on a background with the Hex color C8AEC8.

# 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**  
C6B0BE

# Trichromacy



**Original Color**  
C8AEC8

**Protanomaly**  
BBB2CB

**Deuteranomaly**  
C3B0C7

**Tritanomaly**  
C7AFC2

# Monochromacy



**Original Color**  
C8AEC8

**Achromatopsia**  
B9B9B9

**Achromatomaly**  
BEB5BE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8AEC8 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 #C8AEC8 looks like.

```
.text, #text, p{  
    color:#C8AEC8  
}
```

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 #C8AEC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8AEC8  
}
```

## Border

The CSS property to change the border of an element to Hex C8AEC8 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  
#C8AEC8 }
```

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

```
.border{ border-color:#C8AEC8 }
```

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

Here you see how a box with a 4 pixel #C8AEC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8AEC8; -webkit-box-shadow:4px 4px  
4px 4px #C8AEC8; box-shadow:4px 4px 4px  
4px #C8AEC8 }
```

# Background

The CSS property to change the background color of an element to Hex C8AEC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8AEC8 }
```

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

```
.background{ background-color:#C8AEC8 }
```

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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