

# Converting Colors

Hex(C4BEC1)

Have a look what the booklet for  
Hex(C4BEC1) contains.

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# **Color**

**Hex(C4BEC1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C4BEC1
RGB	196, 190, 193
RGB Percent	77%, 75%, 76%
CMY	0.2314, 0.2549, 0.2431
CMYK	0.00, 0.03, 0.02, 0.23
HSL	330°, 5%, 76%
HSV	330°, 3%, 77%
XYZ	50.8040, 52.4129, 57.8911
YIQ	192.1360, 2.6130, 2.2050

# Conversions

## Conversions Part 2

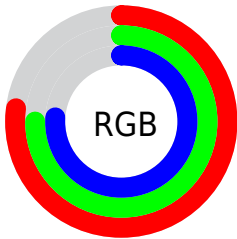
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	196, 190, 193
Decimal	12893889
CIE <sub>Lab</sub>	77.53, 2.65, -0.77
CIE <sub>LCh</sub>	78, 2.755, 343.754
Yxy	52.4129, 0.3153, 0.3253
Android (android.graphics.Color)	4291083969 (0xFFC4BEC1)
YUV	192.1360, 0.4260, 3.3887
Hunter-Lab	72.3968, -1.4329, 3.2673

# Details

The Hex color **C4BEC1** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **BEC4C1**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **FDF6F9**, and **8E898C** is the 20% darker color. If you saturate the color by 10%, you get **C4AAB7**, and if you desaturate by 10%, it is **C4D2CB**.

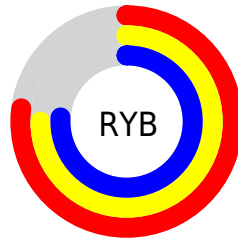
# Distribution



Red (77%)

Green (75%)

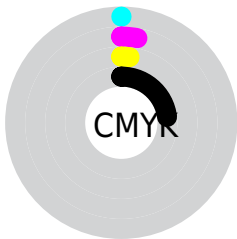
Blue (76%)



Red (77%)

Yellow (75%)

Blue (76%)

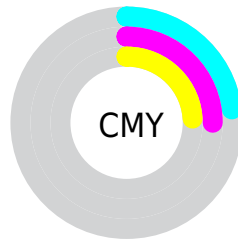


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C4BEC1 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 C4BEC1 by changing the saturation by 10% instead.





C4BEC1



C4BEC1

FFFFFF



A9A3A6



FDF6F9



8E898C



756F72



5C575A



454042



2E2A2C



1A1518



000000



C4BEC1



C4BEC1

 C4AAB7

 C4D2CB

 C497AD

 C4E5D5

 C483A4

 C4F9DE

 C4709A

 C4FFE8

 C45C90

 C4FFF2

 C44886

 C4FFFC

 C4357C

 C4FFFF

 C42173

 C40E69

# Harmonies

## Analogous

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



C2BFC3



C4BEC1



C5BEBE

# Triad

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



C4BEC1



C1C0BB



BAC1C3

# Complementary

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



C4BEC1



BEC4C1

# 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.



BAC1C1



C4BEC1



BDC0BC

# Square

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



C4BEC1



C3BFBB



BBC1BE



BCC0C4

# Rectangle

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



C4BEC1



C5BEED



BBC1BE



BAC1C2



# Sweetspot

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



C4BEC1



FFFCFE



C1BEC4



807E7F



000000



808080



# Same Dimension

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



C4BEC1



FFF5FA



C4BEBE



615C5E



A10050



210011

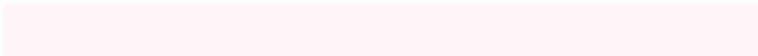


# Inverse Universe

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



C4BEC1



FFF5FA



BEC4C4



615C5E



A10050

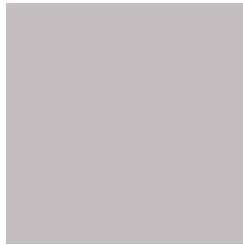


210011



# Previews

## White Background



This preview shows how the Hex color C4BEC1 looks on a white background.

## Color Contrast Check

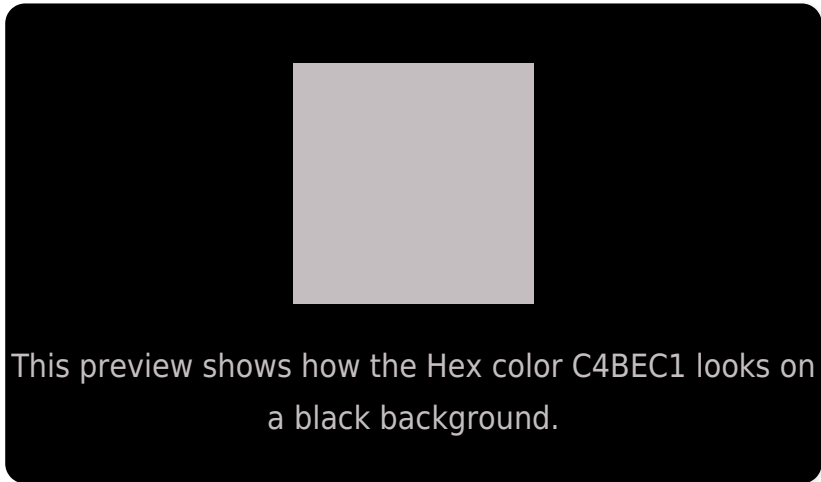
Large Text (above 18pt) WCAG AA × Fail

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

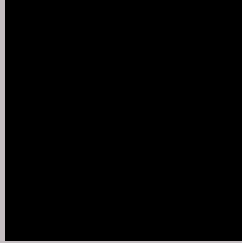
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

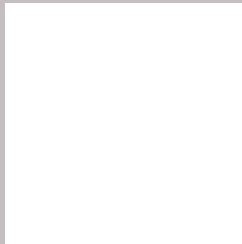
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C4BEC1 Background



This preview shows how black text looks on a background with the Hex color C4BEC1.

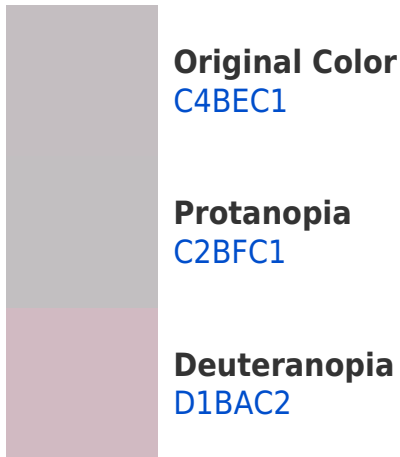


This preview shows how white text looks on a background with the Hex color C4BEC1.

# 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



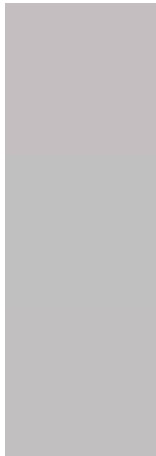
**Original Color**  
C4BEC1

**Protanomaly**  
C3BFC1

**Deuteranomaly**  
CCBBC2

**Tritanomaly**  
C5BDC7

# Monochromacy



**Original Color**  
C4BEC1

**Achromatopsia**  
C0C0C0

**Achromatomaly**  
C1BFC0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C4BEC1 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 #C4BEC1 looks like.

```
.text, #text, p{  
    color:#C4BEC1  
}
```

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 #C4BEC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C4BEC1
}
```

## Border

The CSS property to change the border of an element to Hex C4BEC1 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
#C4BEC1 }
```

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

```
.border{ border-color:#C4BEC1 }
```

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

Here you see how a box with a 4 pixel #C4BEC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C4BEC1; -webkit-box-shadow:4px 4px  
4px 4px #C4BEC1; box-shadow:4px 4px 4px  
4px #C4BEC1 }
```

# Background

The CSS property to change the background color of an element to Hex C4BEC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C4BEC1 }
```

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

```
.background{ background-color:#C4BEC1 }
```

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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