

# Converting Colors

Hex(C8B7E1)

Have a look what the booklet for  
Hex(C8B7E1) contains.

<b>Hex(C8B7E1)</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(C8B7E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8B7E1
RGB	200, 183, 225
RGB Percent	78%, 72%, 88%
CMY	0.2157, 0.2824, 0.1176
CMYK	0.11, 0.19, 0.00, 0.12
HSL	264°, 41%, 80%
HSV	264°, 19%, 88%
XYZ	54.3435, 51.5826, 78.3264
YIQ	192.8710, -3.3500, 16.6660

# Conversions

## Conversions Part 2

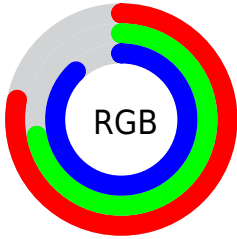
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	200, 183, 225
Decimal	13154273
CIE <sub>Lab</sub>	77.03, 14.00, -18.81
CIE <sub>LCh</sub>	77, 23.444, 306.662
Yxy	51.5826, 0.2949, 0.2800
Android (android.graphics.Color)	4291344353 (0xFFC8B7E1)
YUV	192.8710, 15.8396, 6.2521
Hunter-Lab	71.8210, 9.3756, -14.3856

# Details

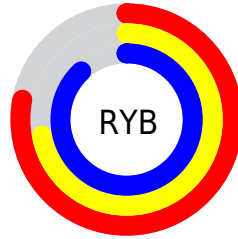
The Hex color **C8B7E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D0E1B7**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEFFF**, and **9282AA** is the 20% darker color. If you saturate the color by 10%, you get **BBA1E1**, and if you desaturate by 10%, it is **D5CEE1**.

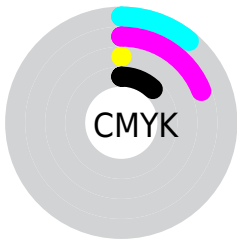
# Distribution



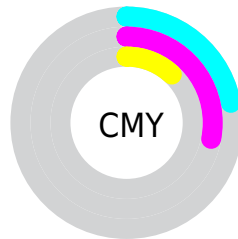
- Red (78%)
- Green (72%)
- Blue (88%)



- Red (78%)
- Yellow (72%)
- Blue (88%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (28%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8B7E1 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 C8B7E1 by changing the saturation by 10% instead.



 C8B7E1

FFFFFF

 FFEFFF

 C8B7E1

 AD9CC5

 9282AA

 78698F

 5F5175

 473A5D

 302445

 1A102E

 00001A

 000000

 C8B7E1

 C8B7E1

 BBA1E1

 D5CEE1

 AD8AE1

 E3E4E1

 A074E1

 F0FBE1

 925DE1

 FEFBE1

 8547E1

 FFFFE1

 7830E1

 6A1AE1

 5D03E1

 5B00E1

# Harmonies

## Analogous

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



ABBEE9



C8B7E1



DEB1D0

# Triad

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



C8B7E1



DEB797



86CBC2

# Complementary

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



C8B7E1



D0E1B7

# 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.



99C9AC



C8B7E1



CABE93

# Square

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



C8B7E1



E9B1A5



B2C59B



82C9D7

# Rectangle

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



C8B7E1



E8AFC1



B2C59B



8CCABB



# Sweetspot

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



C8B7E1



F6F0FF



B7D0E1



7A7780



000000



808080



# Same Dimension

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



C8B7E1



DEC7FF



DDB7E1



6A6570



4700B0



140030



# Inverse Universe

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



E1B7D0



FFC7E8



BBE1B7



70656C



B00069

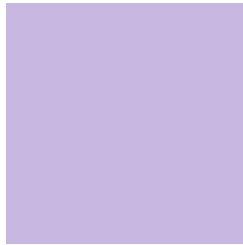


30001D



# Previews

## White Background



This preview shows how the Hex color C8B7E1 looks on a white background.

## Color Contrast Check

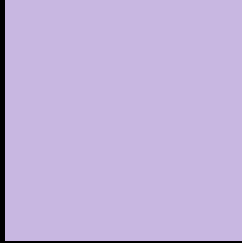
Large Text (above 18pt) WCAG AA × Fail

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 C8B7E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

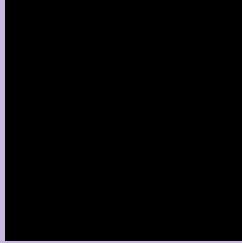
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C8B7E1 Background



This preview shows how black text looks on a background with the Hex color C8B7E1.

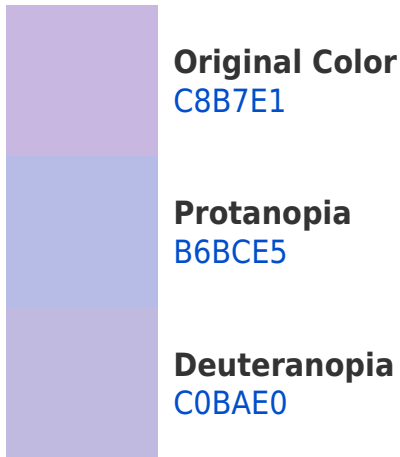


This preview shows how white text looks on a background with the Hex color C8B7E1.

# 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**  
C8B7E1

**Protanomaly**  
BDBAE4

**Deuteranomaly**  
C3B9E0

**Tritanomaly**  
C5BAD2

# Monochromacy



**Original Color**  
C8B7E1

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
C4BDCD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8B7E1 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 #C8B7E1 looks like.

```
.text, #text, p{  
    color:#C8B7E1  
}
```

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 #C8B7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8B7E1  
}
```

## Border

The CSS property to change the border of an element to Hex C8B7E1 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  
#C8B7E1 }
```

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

```
.border{ border-color:#C8B7E1 }
```

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

Here you see how a box with a 4 pixel #C8B7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8B7E1; -webkit-box-shadow:4px 4px  
4px 4px #C8B7E1; box-shadow:4px 4px 4px  
4px #C8B7E1 }
```

# Background

The CSS property to change the background color of an element to Hex C8B7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8B7E1 }
```

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

```
.background{ background-color:#C8B7E1 }
```

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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