

# Converting Colors

Hex(C7AEE3)

Have a look what the booklet for  
Hex(C7AEE3) contains.

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# **Color**

**Hex(C7AEE3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | C7AEE3                     |
| RGB           | 199, 174, 227              |
| RGB Percent   | 78%, 68%, 89%              |
| CMY           | 0.2196, 0.3176, 0.1098     |
| CMYK          | 0.12, 0.23, 0.00, 0.11     |
| HSL           | 268°, 49%, 79%             |
| HSV           | 268°, 23%, 89%             |
| XYZ           | 52.5544, 47.9603, 79.1604  |
| YIQ           | 187.5170, -2.1130, 21.7830 |

# Conversions

## Conversions Part 2

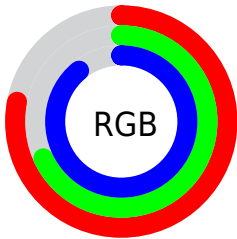
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 199, 174, 227                 |
| Decimal                             | 13086435                      |
| CIE Lab                             | 74.80, 19.01, -23.29          |
| CIE LCh                             | 75, 30.059, 309.225           |
| Yxy                                 | 47.9603, 0.2925,<br>0.2669    |
| Android<br>(android.graphics.Color) | 4291276515<br>(0xFFC7AEE3)    |
| YUV                                 | 187.5170, 19.4651,<br>10.0706 |
| Hunter-Lab                          | 69.2534, 14.2651,<br>-19.2944 |

# Details

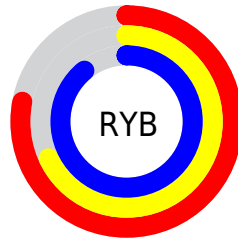
The Hex color **C7AEE3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **CAE3AE**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE6FF**, and **9179AB** is the 20% darker color. If you saturate the color by 10%, you get **BB97E3**, and if you desaturate by 10%, it is **D3C5E3**.

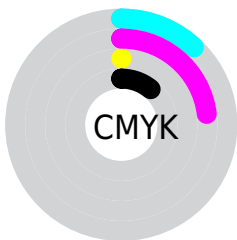
# Distribution



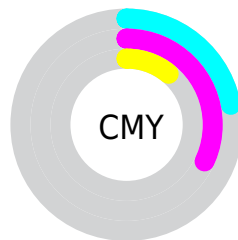
- Red (78%)
- Green (68%)
- Blue (89%)



- Red (78%)
- Yellow (68%)
- Blue (89%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (32%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7AEE3 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 C7AEE3 by changing the saturation by 10% instead.




 C7AEE3

 C7AEE3

FFFFFF

 AB93C7

 FFE6FF

 9179AB

 776191

 5D4977

 45325E

 2E1C46

 180630

 00011A

 000000

 C7AEE3

 C7AEE3

 BB97E3

 D3C5E3

 AF81E3

 DFDBE3

 A36AE3

 EBF2E3

 9753E3

 F7FFE3

 8B3CE3

 FFFFE3

 7F26E3

 730FE3

 6B00E3

# Harmonies

## Analogous

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



A1B8EE



C7AEE3



E2A6CC

# Triad

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



C7AEE3



DDB085



6AC8C0

# Complementary

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



C7AEE3



CAE3AE

# 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.



85C6A4



C7AEE3



C3B981

# Square

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



C7AEE3



EDA896



A5C18D



63C6DA

# Rectangle

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



C7AEE3



EDA4BA



A5C18D



72C7B6



# Sweetspot

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



C7AEE3



F6EDFF



AECAE3



7A7580



000000



808080



# Same Dimension

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



C7AEE3



D9B8FF



E1AEE3



6D6773



5400B3



180033



# Inverse Universe

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



E3AECA



FFB8DD



B0E3AE



73676D



B3005E



33001B



# Previews

## White Background



This preview shows how the Hex color C7AEE3 looks on a white background.

## Color Contrast Check

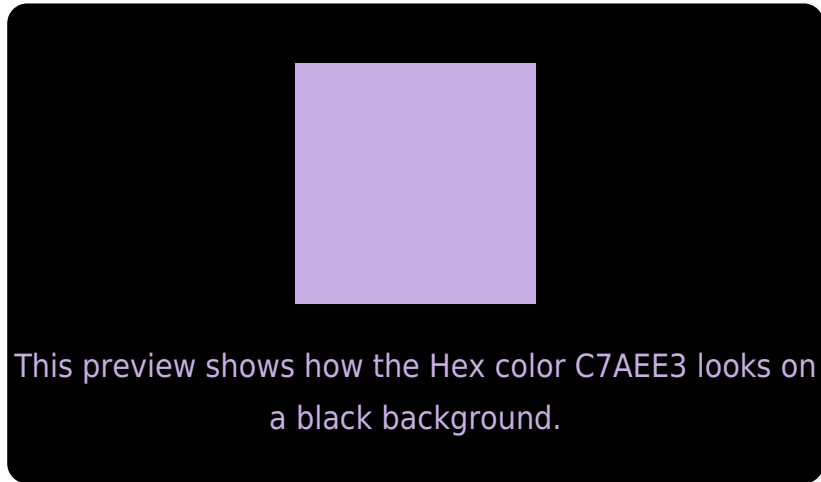
Large Text (above 18pt) WCAG AA × Fail

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

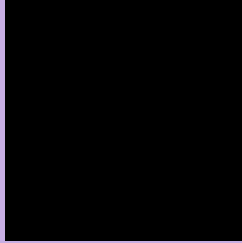
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C7AEE3 Background



This preview shows how black text looks on a background with the Hex color C7AEE3.

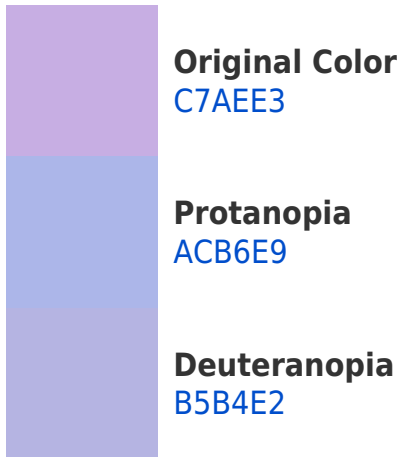


This preview shows how white text looks on a background with the Hex color C7AEE3.

# 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](#).

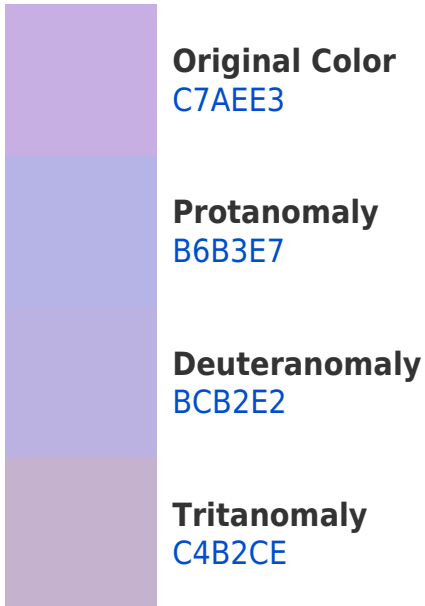
## Dichromacy



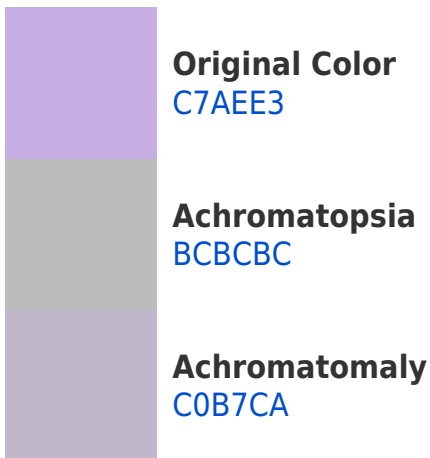


**Tritanopia**  
C2B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7AEE3 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 #C7AEE3 looks like.

```
.text, #text, p{  
    color:#C7AEE3  
}
```

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 #C7AEE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7AEE3
}
```

## Border

The CSS property to change the border of an element to Hex C7AEE3 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
#C7AEE3 }
```

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

```
.border{ border-color:#C7AEE3 }
```

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

Here you see how a box with a 4 pixel #C7AEE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7AEE3; -webkit-box-shadow:4px 4px  
4px 4px #C7AEE3; box-shadow:4px 4px 4px  
4px #C7AEE3 }
```

# Background

The CSS property to change the background color of an element to Hex C7AEE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7AEE3 }
```

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

```
.background{ background-color:#C7AEE3 }
```

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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