

# Converting Colors

Hex(C7E2D7)

Have a look what the booklet for  
Hex(C7E2D7) contains.

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# **Color**

**Hex(C7E2D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E2D7
RGB	199, 226, 215
RGB Percent	78%, 89%, 84%
CMY	0.2196, 0.1137, 0.1569
CMYK	0.12, 0.00, 0.05, 0.11
HSL	156°, 32%, 83%
HSV	156°, 12%, 89%
XYZ	63.0153, 71.4411, 74.7582
YIQ	216.6730, -12.5610, -9.1450

# Conversions

## Conversions Part 2

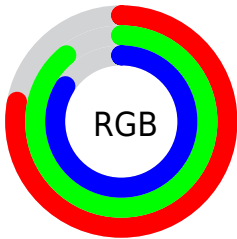
<b>Format</b>	<b>Color</b>
<b>RYB</b>	199, 216, 226
Decimal	13099735
CIELab	87.70, -10.99, 2.35
CIElCh	88, 11.241, 167.925
Yxy	71.4411, 0.3012, 0.3415
Android (android.graphics.Color)	4291289815 (0xFFC7E2D7)
YUV	216.6730, -0.8248, -15.4992
Hunter-Lab	84.5229, -14.8358, 6.7256

# Details

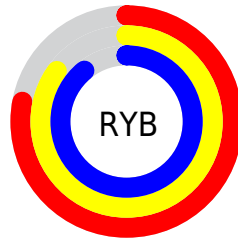
The Hex color **C7E2D7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E2C7D2**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFFFF**, and **91ABA0** is the 20% darker color. If you saturate the color by 10%, you get **B0E2CE**, and if you desaturate by 10%, it is **DEE2E0**.

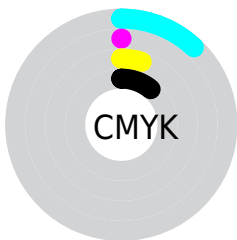
# Distribution



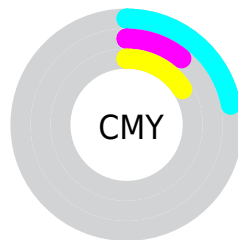
- Red (78%)
- Green (89%)
- Blue (84%)



- Red (78%)
- Yellow (85%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E2D7 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 C7E2D7 by changing the saturation by 10% instead.



 C7E2D7

FFFFFF

 C7E2D7

 ACC6BB

 91ABA0

 779086

 5E766D

 465E55

 2F463D

 1A3028

 021B13

 000000

 C7E2D7

 C7E2D7

 B0E2CE

 DEE2E0

 9AE2C5

 F4E2E9

 83E2BB

 FFE2F3

 6DE2B2

 FFE2FC

 56E2A9

 FFE2FF

 3FE2A0

 29E297

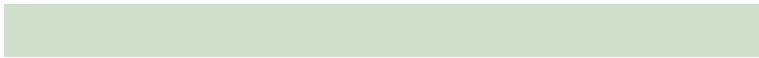
 12E28D

 00E286

# Harmonies

## Analogous

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



D1E0CD



C7E2D7



C2E2E2

# Triad

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



C7E2D7



D9DBF0



F1D7CC

# Complementary

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



C7E2D7



E2C7D2

# 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.



F3D5D6



C7E2D7



E6D7EA

# Square

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



C7E2D7



CCDEF0



EFD5E1



E9DAC7

# Rectangle

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



C7E2D7



C2E2E9



EFD5E1



F2D6CF



# Sweetspot

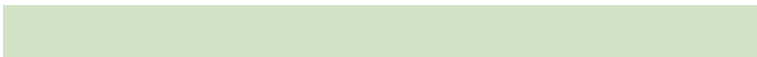
The Sweet Spot groups the original color and five complimentary colors.



C7E2D7



F5FFFB



D2E2C7



79807D



000000



808080

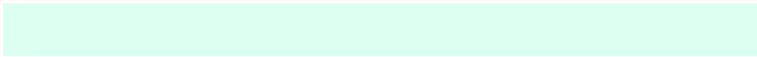


# Same Dimension

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



C7E2D7



DBFFF0



C7E0E2



65706C



00B068



00301D



# Inverse Universe

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



E2C7D2



FFDBEA



E2C9C7



70656A



B00048



300014



# Previews

## White Background



This preview shows how the Hex color C7E2D7 looks on a white background.

## Color Contrast Check

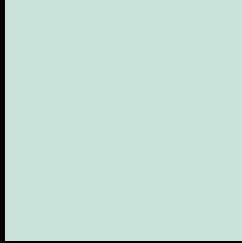
Large Text (above 18pt) WCAG AA × Fail

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 C7E2D7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

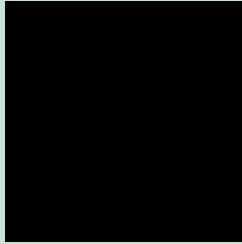
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

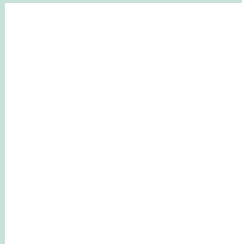
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E2D7 Background



This preview shows how black text looks on a background with the Hex color C7E2D7.

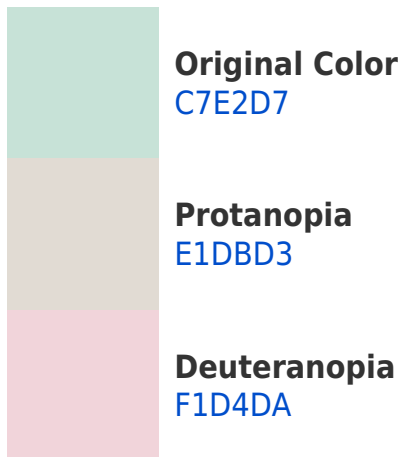


This preview shows how white text looks on a background with the Hex color C7E2D7.

# 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](#).

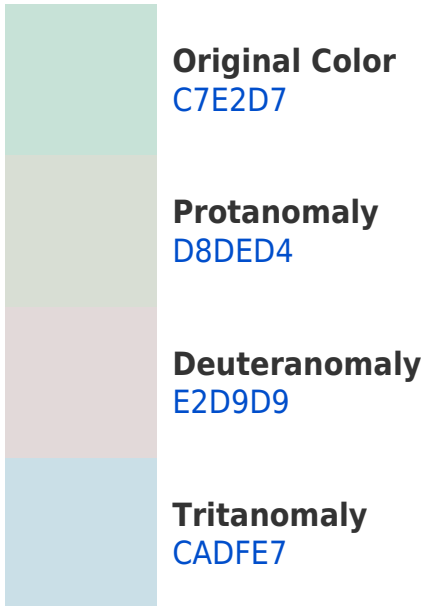
## Dichromacy



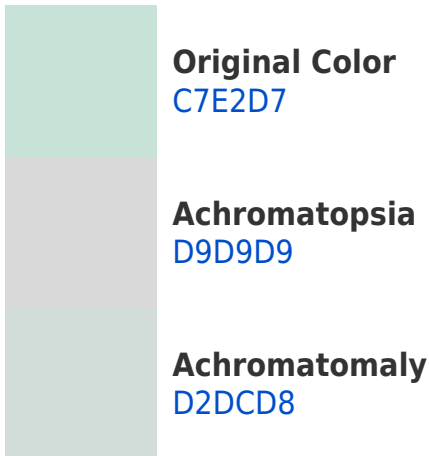


**Tritanopia**  
CBDEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E2D7 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 #C7E2D7 looks like.

```
.text, #text, p{  
    color:#C7E2D7  
}
```

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 #C7E2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E2D7
}
```

## Border

The CSS property to change the border of an element to Hex C7E2D7 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
#C7E2D7 }
```

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

```
.border{ border-color:#C7E2D7 }
```

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

Here you see how a box with a 4 pixel #C7E2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E2D7; -webkit-box-shadow:4px 4px  
4px 4px #C7E2D7; box-shadow:4px 4px 4px  
4px #C7E2D7 }
```

# Background

The CSS property to change the background color of an element to Hex C7E2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E2D7 }
```

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

```
.background{ background-color:#C7E2D7 }
```

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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