

# Converting Colors

Hex(C7E5D9)

Have a look what the booklet for  
Hex(C7E5D9) contains.

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# **Color**

**Hex(C7E5D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E5D9
RGB	199, 229, 217
RGB Percent	78%, 90%, 85%
CMY	0.2196, 0.1020, 0.1490
CMYK	0.13, 0.00, 0.05, 0.10
HSL	156°, 37%, 84%
HSV	156°, 13%, 90%
XYZ	64.0969, 73.1905, 76.3946
YIQ	218.6620, -14.0280, -10.0920

# Conversions

## Conversions Part 2

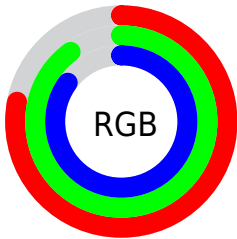
Format	Color
<b>RYB</b>	199, 218, 229
Decimal	13100505
CIELab	88.54, -12.13, 2.52
CIELCh	89, 12.390, 168.260
Yxy	73.1905, 0.3000, 0.3425
Android (android.graphics.Color)	4291290585 (0xFFC7E5D9)
YUV	218.6620, -0.8194, -17.2436
Hunter-Lab	85.5514, -15.9792, 6.9420

# Details

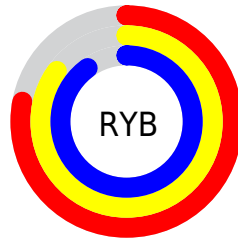
The Hex color **C7E5D9** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E5C7D3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **91AEA2** is the 20% darker color. If you saturate the color by 10%, you get **B0E5D0**, and if you desaturate by 10%, it is **DEE5E2**.

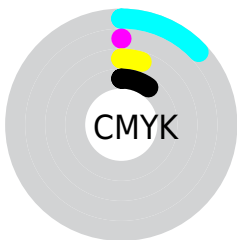
# Distribution



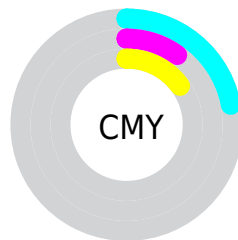
- Red (78%)
- Green (90%)
- Blue (85%)



- Red (78%)
- Yellow (85%)
- Blue (90%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (10%)



- Cyan (22%)
- Magenta (10%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E5D9 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 C7E5D9 by changing the saturation by 10% instead.



 C7E5D9

FFFFFF

 C7E5D9

 ACC9BD

 91AEA2

 779388

 5E796F

 466056

 2F483F

 193229

 021D15

 000000

 C7E5D9

 C7E5D9

 B0E5D0

 DEE5E2

 99E5C7

 F5E5EB

 82E5BE

 FFE5F4

 6BE5B4

 FFE5FE

 54E5AB

 FFE5FF

 3EE5A2

 27E599

 10E590

 00E589

# Harmonies

## Analogous

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



D3E3CE



C7E5D9



C1E5E5

# Triad

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



C7E5D9



DBDDF4



F5D8CD

# Complementary

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



C7E5D9



E5C7D3

# 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.



F8D6D7



C7E5D9



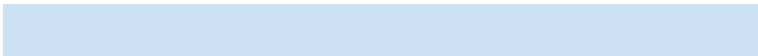
E9D9EE

# Square

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



C7E5D9



CDE1F5



F4D7E3



EDDCC7

# Rectangle

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



C7E5D9



C1E4EC



F4D7E3



F7D8D0



# Sweetspot

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



C7E5D9



F5FFFB



D3E5C7



79807D



000000



808080

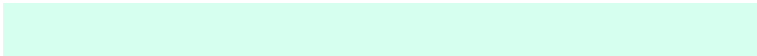


# Same Dimension

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



C7E5D9



D6FFEF



C7E3E5



67736E



00B36B



00331F



# Inverse Universe

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



E5C7D3



FFD6E7



E5CAC7



73676C



B30047

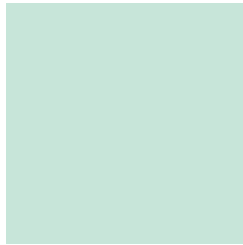


330014



# Previews

## White Background



This preview shows how the Hex color C7E5D9 looks on a white background.

## Color Contrast Check

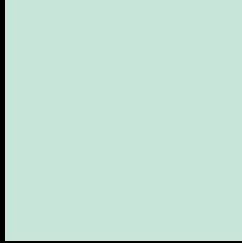
Large Text (above 18pt) WCAG AA × Fail

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 C7E5D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

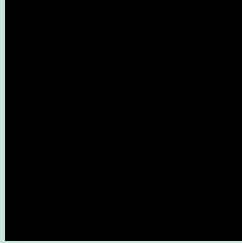
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

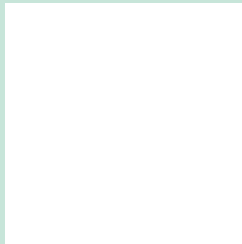
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E5D9 Background



This preview shows how black text looks on a background with the Hex color C7E5D9.

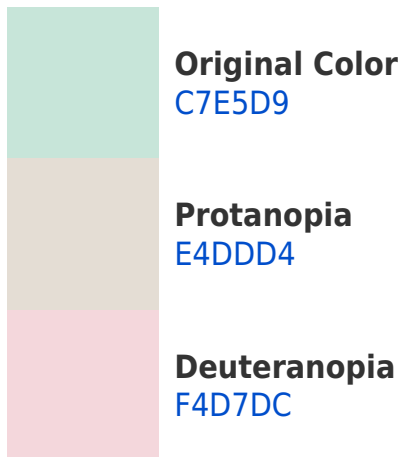


This preview shows how white text looks on a background with the Hex color C7E5D9.

# Color Blindness Simulation

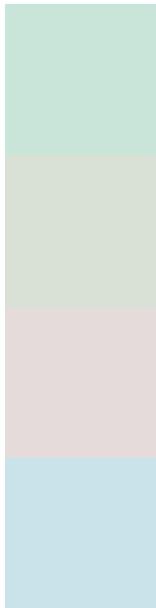
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C7E5D9

**Protanomaly**  
D9E0D6

**Deuteranomaly**  
E4DCDB

**Tritanomaly**  
CAE2EA

# Monochromacy



**Original Color**  
C7E5D9

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D4DFDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E5D9 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 #C7E5D9 looks like.

```
.text, #text, p{  
    color:#C7E5D9  
}
```

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 #C7E5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E5D9
}
```

## Border

The CSS property to change the border of an element to Hex C7E5D9 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
#C7E5D9 }
```

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

```
.border{ border-color:#C7E5D9 }
```

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

Here you see how a box with a 4 pixel #C7E5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E5D9; -webkit-box-shadow:4px 4px  
4px 4px #C7E5D9; box-shadow:4px 4px 4px  
4px #C7E5D9 }
```

# Background

The CSS property to change the background color of an element to Hex C7E5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E5D9 }
```

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

```
.background{ background-color:#C7E5D9 }
```

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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