

# Converting Colors

Hex(C7E9E0)

Have a look what the booklet for  
Hex(C7E9E0) contains.

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# **Color**

**Hex(C7E9E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7E9E0
RGB	199, 233, 224
RGB Percent	78%, 91%, 88%
CMY	0.2196, 0.0863, 0.1216
CMYK	0.15, 0.00, 0.04, 0.09
HSL	164°, 44%, 85%
HSV	164°, 15%, 91%
XYZ	66.1466, 75.8018, 81.6659
YIQ	221.8080, -17.3750, -10.0070

# Conversions

## Conversions Part 2

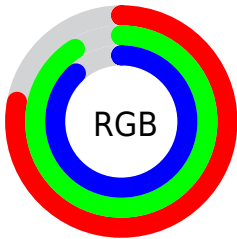
Format	Color
<a href="#">RYB</a>	<a href="#">199, 219, 233</a>
Decimal	<a href="#">13101536</a>
CIELab	<a href="#">89.77, -12.80, 0.64</a>
CIELCh	<a href="#">90, 12.818, 177.127</a>
Yxy	<a href="#">75.8018, 0.2958, 0.3390</a>
Android (android.graphics.Color)	<a href="#">4291291616</a> ( <a href="#">0xFFC7E9E0</a> )
YUV	<a href="#">221.8080, 1.0807, -20.0026</a>
Hunter-Lab	<a href="#">87.0642, -16.7478, 5.3311</a>

# Details

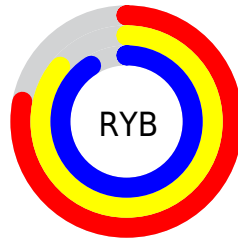
The Hex color **C7E9E0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9C7D0**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFFFF**, and **91B1A9** is the 20% darker color. If you saturate the color by 10%, you get **B0E9DA**, and if you desaturate by 10%, it is **DEE9E6**.

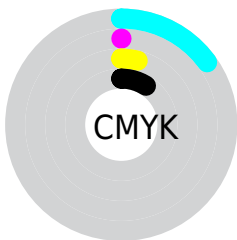
# Distribution



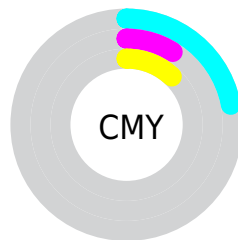
- Red (78%)
- Green (91%)
- Blue (88%)



- Red (78%)
- Yellow (86%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7E9E0 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 C7E9E0 by changing the saturation by 10% instead.




 C7E9E0

FFFFFF

 C7E9E0

 ACCDC4

 91B1A9

 77978E

 5E7D75

 46645C

 2E4C45

 18352F

 02201A

 000000

 C7E9E0

 C7E9E0

 B0E9DA

 DEE9E6

 98E9D4

 F6E9EC

 81E9CD

 FFE9F3

 6AE9C7

 FFE9F9

 53E9C1

 FFE9FF

 3BE9BB

 24E9B5

 0DE9AF

 00E9AB

# Harmonies

## Analogous

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



D2E7D4



C7E9E0



C3E9EC

# Triad

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



C7E9E0



E3DFF7



F8DDCE

# Complementary

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



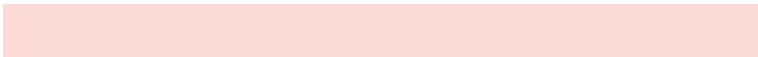
C7E9E0



E9C7D0

# 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.



FCDAD7



C7E9E0



F1DBEF

# Square

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



C7E9E0



D4E3FA



FADAE3



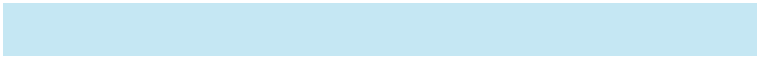
EDE0C9

# Rectangle

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



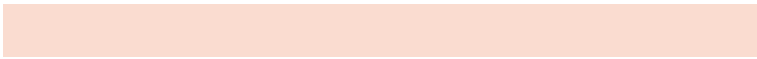
C7E9E0



C5E7F3



FADAE3



FADCD0



# Sweetspot

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



C7E9E0



F5FFFC



D0E9C7



79807E



000000



808080

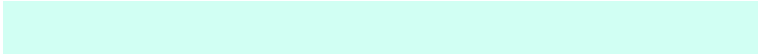


# Same Dimension

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



C7E9E0



D1FFF3



C7E1E9



6A7572



00B585



003627



# Inverse Universe

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



E9C7D0



FFD1DD



E9CFC7



756A6D



B50030

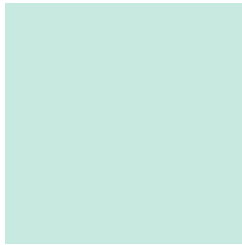


36000E



# Previews

## White Background



This preview shows how the Hex color C7E9E0 looks on a white background.

## Color Contrast Check

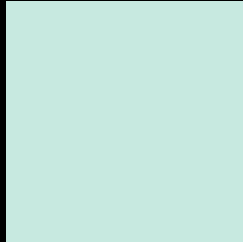
Large Text (above 18pt) WCAG AA × Fail

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 C7E9E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

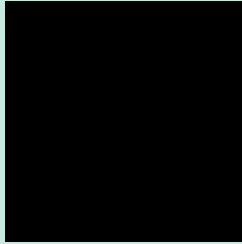
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

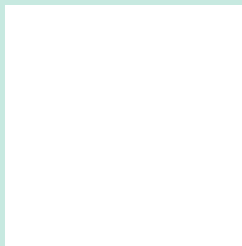
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C7E9E0 Background



This preview shows how black text looks on a background with the Hex color C7E9E0.

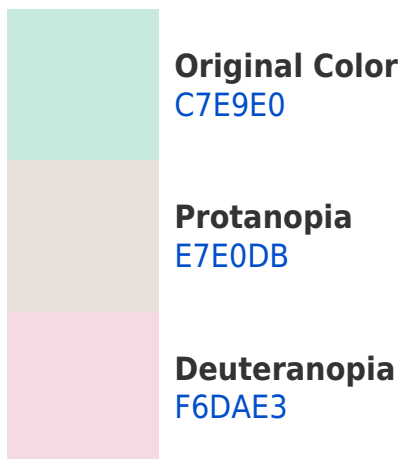


This preview shows how white text looks on a background with the Hex color C7E9E0.

# Color Blindness Simulation

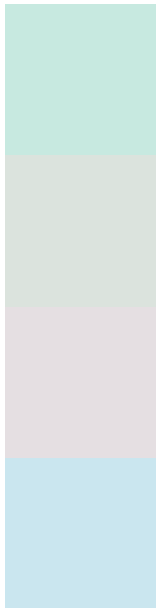
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
C7E9E0

**Protanomaly**  
DBE3DD

**Deuteranomaly**  
E5DFE2

**Tritanomaly**  
CAE6EF

# Monochromacy



**Original Color**  
C7E9E0

**Achromatopsia**  
DEDEDE

**Achromatomaly**  
D6E2DF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7E9E0 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 #C7E9E0 looks like.

```
.text, #text, p{  
    color:#C7E9E0  
}
```

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 #C7E9E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7E9E0
}
```

## Border

The CSS property to change the border of an element to Hex C7E9E0 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
#C7E9E0 }
```

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

```
.border{ border-color:#C7E9E0 }
```

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

Here you see how a box with a 4 pixel #C7E9E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7E9E0; -webkit-box-shadow:4px 4px  
4px 4px #C7E9E0; box-shadow:4px 4px 4px  
4px #C7E9E0 }
```

# Background

The CSS property to change the background color of an element to Hex C7E9E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7E9E0 }
```

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

```
.background{ background-color:#C7E9E0 }
```

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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