

# Converting Colors

Hex(C8D7EC)

Have a look what the booklet for  
Hex(C8D7EC) contains.

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# **Color**

**Hex(C8D7EC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C8D7EC
RGB	200, 215, 236
RGB Percent	78%, 84%, 93%
CMY	0.2157, 0.1569, 0.0745
CMYK	0.15, 0.09, 0.00, 0.07
HSL	215°, 49%, 85%
HSV	215°, 15%, 93%
XYZ	63.2602, 66.9364, 88.9427
YIQ	212.9090, -15.6810, 3.3510

# Conversions

## Conversions Part 2

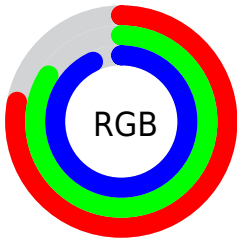
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	200, 211, 236
Decimal	13162476
CIE <sub>Lab</sub>	85.47, -0.83, -12.01
CIE <sub>LCh</sub>	85, 12.036, 266.053
Yxy	66.9364, 0.2887, 0.3055
Android (android.graphics.Color)	4291352556 (0xFFC8D7EC)
YUV	212.9090, 11.3839, -11.3212
Hunter-Lab	81.8146, -5.1571, -7.1854

# Details

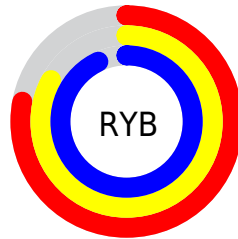
The Hex color **C8D7EC** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **ECDDC8**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFFFF**, and **92A0B4** is the 20% darker color. If you saturate the color by 10%, you get **B0C9EC**, and if you desaturate by 10%, it is **E0E5EC**.

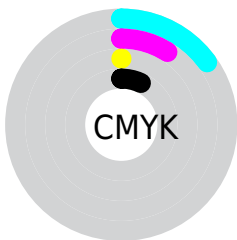
# Distribution



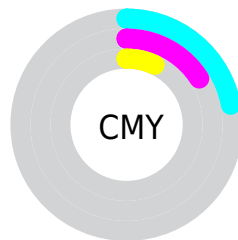
- Red (78%)
- Green (84%)
- Blue (93%)



- Red (78%)
- Yellow (83%)
- Blue (93%)



- Cyan (15%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (16%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8D7EC 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 C8D7EC by changing the saturation by 10% instead.



■ C8D7EC

FFFFFF

■ C8D7EC

■ ADBBD0

■ 92A0B4

■ 788699

■ 5F6D7F

■ 475566

■ 303E4E

■ 192837

■ 021322

■ 00000A

 C8D7EC

 C8D7EC

 B0C9EC

 E0E5EC

 99BBEC

 F7F3EC

 81AEEC

 FFFFEC

 6AA0EC

 5292EC

 3A84EC

 2377EC

 0B69EC

 0062EC

# Harmonies

## Analogous

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



BDDAE8



C8D7EC



D6D3EA

# Triad

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



C8D7EC



EECECC



C7DBC9

# Complementary

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



C8D7EC



ECDDC8

# 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.



D4D8C1



C8D7EC



EAD1C3

# Square

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



C8D7EC



ECCED8



E1D4BF



BDDCD4

# Rectangle

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



C8D7EC



DFD1E5



E1D4BF



CBDAC6



# Sweetspot

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



C8D7EC



F2F8FF



C8ECDD



787B80



000000



808080

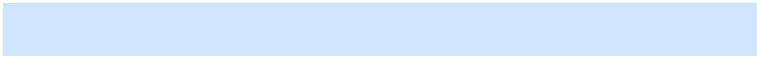


# Same Dimension

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



C8D7EC



D1E4FF



CBC8EC



6A6E75



004BB5



001636



# Inverse Universe

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



ECC8D7



FFD1E4



E9ECC8



756A6E



B5004B

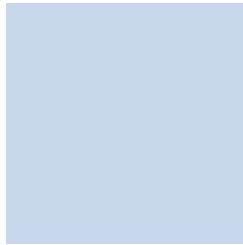


360016



# Previews

## White Background



This preview shows how the Hex color C8D7EC looks on a white background.

## Color Contrast Check

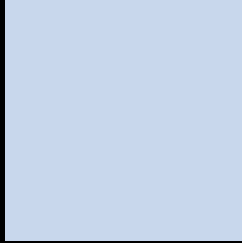
Large Text (above 18pt) WCAG AA × Fail

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 C8D7EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

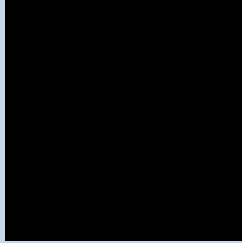
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

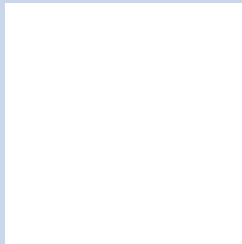
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C8D7EC Background



This preview shows how black text looks on a background with the Hex color C8D7EC.

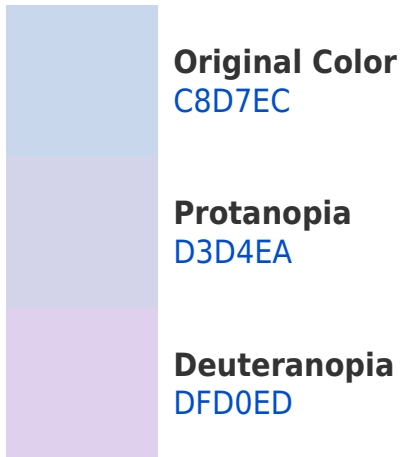


This preview shows how white text looks on a background with the Hex color C8D7EC.

# 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](#).

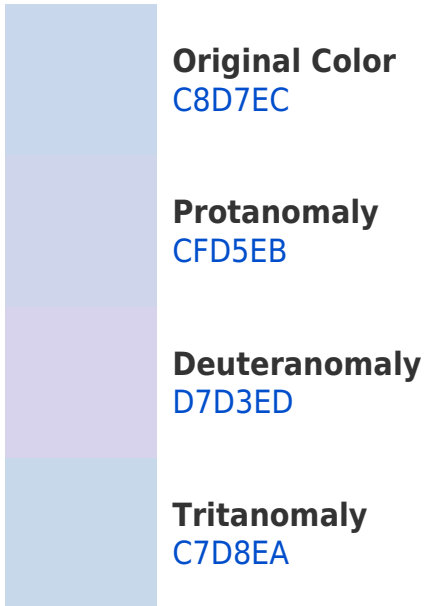
## Dichromacy



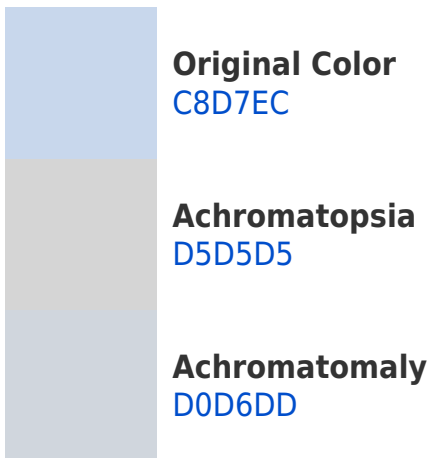


**Tritanopia**  
C7D8E9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8D7EC 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 #C8D7EC looks like.

```
.text, #text, p{  
    color:#C8D7EC  
}
```

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 #C8D7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8D7EC  
}
```

## Border

The CSS property to change the border of an element to Hex C8D7EC 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  
#C8D7EC }
```

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

```
.border{ border-color:#C8D7EC }
```

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

Here you see how a box with a 4 pixel #C8D7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8D7EC; -webkit-box-shadow:4px 4px  
4px 4px #C8D7EC; box-shadow:4px 4px 4px  
4px #C8D7EC }
```

# Background

The CSS property to change the background color of an element to Hex C8D7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8D7EC }
```

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

```
.background{ background-color:#C8D7EC }
```

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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