

# Converting Colors

Hex(C2C8E3)

Have a look what the booklet for  
Hex(C2C8E3) contains.

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# Color

**Hex(C2C8E3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C2C8E3
RGB	194, 200, 227
RGB Percent	76%, 78%, 89%
CMY	0.2392, 0.2157, 0.1098
CMYK	0.15, 0.12, 0.00, 0.11
HSL	229°, 37%, 83%
HSV	229°, 15%, 89%
XYZ	56.7675, 58.3239, 80.9387
YIQ	201.2840, -12.2430, 7.1250

# Conversions

## Conversions Part 2

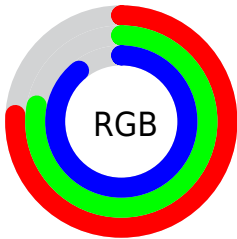
Format	Color
<a href="#">RYB</a>	<a href="#">194, 199, 227</a>
Decimal	<a href="#">12765411</a>
CIELab	<a href="#">80.92, 3.32, -14.07</a>
CIElCh	<a href="#">81, 14.459, 283.276</a>
Yxy	<a href="#">58.3239, 0.2896, 0.2975</a>
Android (android.graphics.Color)	<a href="#">4290955491 (0xFFC2C8E3)</a>
YUV	<a href="#">201.2840, 12.6780, -6.3881</a>
Hunter-Lab	<a href="#">76.3701, -0.9648, -9.3778</a>

# Details

The Hex color **C2C8E3** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E3DDC2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FBFFFF**, and **8C92AC** is the 20% darker color. If you saturate the color by 10%, you get **ABB5E3**, and if you desaturate by 10%, it is **D9DBE3**.

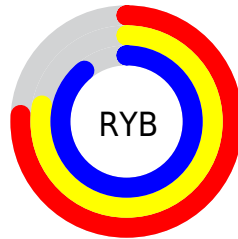
# Distribution



Red (76%)

Green (78%)

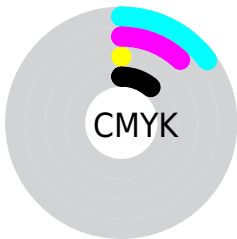
Blue (89%)



Red (76%)

Yellow (78%)

Blue (89%)

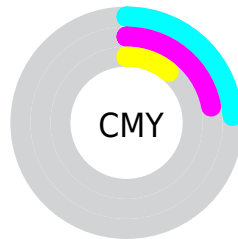


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (22%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2C8E3 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 C2C8E3 by changing the saturation by 10% instead.



 C2C8E3

 C2C8E3

FFFFFF

 A7ADC7

 FBFFFF


 8C92AC

 727891

 5A6077

 42485F

 2B3247

 151D30

 00021C

 000000

 C2C8E3

 C2C8E3

 ABB5E3

 D9DBE3


 95A3E3

 EFEDE3

 7E90E3

 FFFFE3

 677EE3

 516BE3

 3A59E3

 2346E3

 0C33E3

 0029E3

# Harmonies

## Analogous

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



B2CCE2



C2C8E3



D3C4DD

# Triad

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



C2C8E3



E4C2B7



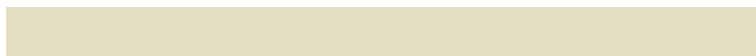
B0D0C1

# Complementary

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



C2C8E3



E3DDC2

# 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.



BECEB5



C2C8E3



DBC5AF

# Square

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



C2C8E3



E6C0C3



CECAAF



A7D1CF

# Rectangle

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



C2C8E3



DCC1D5



CECAAF



B4D0BC



# Sweetspot

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



C2C8E3



F5F7FF



C2E3DD



797A80



000000



808080



# Same Dimension

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



C2C8E3



D4DCFF



CCC2E3



676973



0020B3



000933



# Inverse Universe

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



E3C2C8



FFD4DC



D9E3C2



736769



B30020

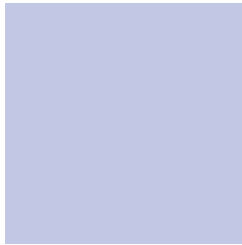


330009



# Previews

## White Background



This preview shows how the Hex color C2C8E3 looks on a white background.

## Color Contrast Check

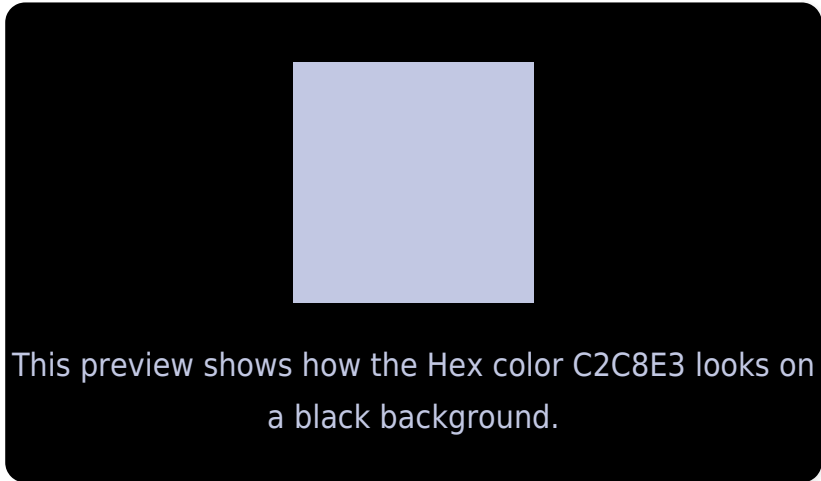
Large Text (above 18pt) WCAG AA × Fail

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

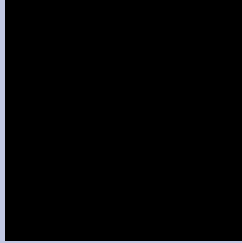
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2C8E3 Background



This preview shows how black text looks on a background with the Hex color C2C8E3.

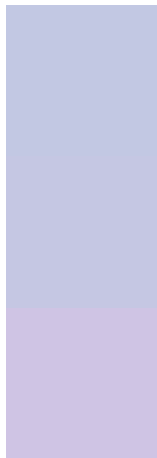


This preview shows how white text looks on a background with the Hex color C2C8E3.

# 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



**Original Color**  
C2C8E3

**Protanopia**  
C5C7E3

**Deuteranopia**  
CFC4E4



# Trichromacy



**Original Color**  
C2C8E3

**Protanomaly**  
C4C7E3

**Deuteranomaly**  
CAC5E4

**Tritanomaly**  
C1C9DD

# Monochromacy



**Original Color**  
C2C8E3

**Achromatopsia**  
C9C9C9

**Achromatomaly**  
C6C9D2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2C8E3 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 #C2C8E3 looks like.

```
.text, #text, p{  
    color:#C2C8E3  
}
```

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 #C2C8E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C8E3 }  
}
```

## Border

The CSS property to change the border of an element to Hex C2C8E3 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 #C2C8E3 }  
}
```

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

```
.border{ border-color:#C2C8E3 }
```

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

Here you see how a box with a 4 pixel #C2C8E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C8E3; -webkit-box-shadow:4px 4px  
4px 4px #C2C8E3; box-shadow:4px 4px 4px  
4px #C2C8E3 }
```

# Background

The CSS property to change the background color of an element to Hex C2C8E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C8E3 }
```

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

```
.background{ background-color:#C2C8E3 }
```

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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