

# Converting Colors

Hex(CCC8E2)

Have a look what the booklet for  
Hex(CCC8E2) contains.

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# **Color**

**Hex(CCC8E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCC8E2
RGB	204, 200, 226
RGB Percent	80%, 78%, 89%
CMY	0.2000, 0.2157, 0.1137
CMYK	0.10, 0.12, 0.00, 0.11
HSL	249°, 31%, 84%
HSV	249°, 12%, 89%
XYZ	59.2836, 59.6369, 80.3380
YIQ	204.1600, -5.9620, 8.9340

# Conversions

## Conversions Part 2

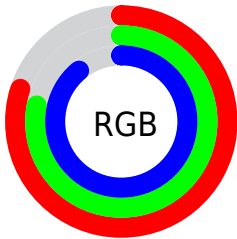
Format	Color
R <sub>Y</sub> B	204, 200, 226
Decimal	13420770
CIE Lab	81.64, 6.34, -12.38
CIE LCh	82, 13.908, 297.120
Yxy	59.6369, 0.2975, 0.2993
Android (android.graphics.Color)	4291610850 (0xFFCCC8E2)
YUV	204.1600, 10.7671, -0.1403
Hunter-Lab	77.2249, 1.8862, -7.6226

# Details

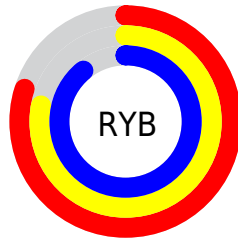
The Hex color **CCC8E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEE2C8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **FFFFFF**, and **9692AB** is the 20% darker color. If you saturate the color by 10%, you get **B9B1E2**, and if you desaturate by 10%, it is **DFDFE2**.

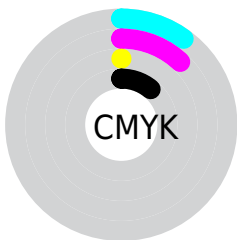
# Distribution



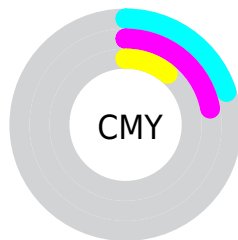
- Red (80%)
- Green (78%)
- Blue (89%)



- Red (80%)
- Yellow (78%)
- Blue (89%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (22%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCC8E2 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 CCC8E2 by changing the saturation by 10% instead.



■ CCC8E2

■ CCC8E2

FFFFFF

■ B0ADC6

■ 9692AB

■ 7C7890

■ 636076

■ 4B485E

■ 343246

■ 1E1D30

■ 08021B

■ 000000

■ CCC8E2

■ CCC8E2

■ B9B1E2

■ DFDFE2

■ A69BE2

■ F2F5E2

■ 9384E2

■ FFFFE2

■ 806EE2

■ 6C57E2

■ 5940E2

■ 462AE2

■ 3313E2

■ 2300E2

# Harmonies

## Analogous

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



BCCCE5



CCC8E2



DBC4D9

# Triad

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



CCC8E2



E2C5B5



AED3C9

# Complementary

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



CCC8E2



DEE2C8

# 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.



BAD1BC



CCC8E2



D7CAB1

# Square

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



CCC8E2



E7C3C0



C9CEB4



AAD2D6

# Rectangle

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



CCC8E2



E2C3D1



C9CEB4



B1D2C5



# Sweetspot

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



CCC8E2



F9F7FF



C8DEE2



7B7A80



000000



808080



# Same Dimension

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



CCC8E2



E1DBFF



D9C8E2



676570



1B00B0



070030



# Inverse Universe

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



E2C8DE



FFDBFA



D1E2C8



70656E



B00095



300029



# Previews

## White Background



This preview shows how the Hex color CCC8E2 looks on a white background.

## Color Contrast Check

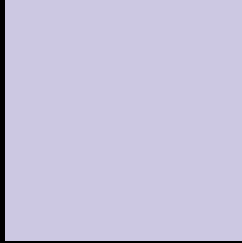
Large Text (above 18pt) WCAG AA × Fail

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 CCC8E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

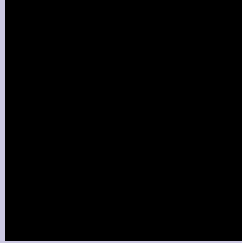
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

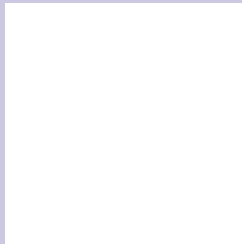
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCC8E2 Background



This preview shows how black text looks on a background with the Hex color CCC8E2.



This preview shows how white text looks on a background with the Hex color CCC8E2.

# 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**  
CCC8E2

**Protanopia**  
C7C9E3

**Deuteranopia**  
D4C5E3



**Tritanopia**  
CBC9D9

# Trichromacy



**Original Color**  
CCC8E2

**Protanomaly**  
C9C9E3

**Deuteranomaly**  
D1C6E3

**Tritanomaly**  
CBC9DC

# Monochromacy



**Original Color**  
CCC8E2

**Achromatopsia**  
CCCCCC

**Achromatomaly**  
CCCB44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCC8E2 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 #CCC8E2 looks like.

```
.text, #text, p{  
    color:#CCC8E2  
}
```

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 #CCC8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCC8E2
}
```

## Border

The CSS property to change the border of an element to Hex CCC8E2 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
#CCC8E2 }
```

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

```
.border{ border-color:#CCC8E2 }
```

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

Here you see how a box with a 4 pixel #CCC8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCC8E2; -webkit-box-shadow:4px 4px  
4px 4px #CCC8E2; box-shadow:4px 4px 4px  
4px #CCC8E2 }
```

# Background

The CSS property to change the background color of an element to Hex CCC8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCC8E2 }
```

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

```
.background{ background-color:#CCC8E2 }
```

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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