

# Converting Colors

Hex(C2E8CC)

Have a look what the booklet for  
Hex(C2E8CC) contains.

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# **Color**

**Hex(C2E8CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E8CC
RGB	194, 232, 204
RGB Percent	76%, 91%, 80%
CMY	0.2392, 0.0902, 0.2000
CMYK	0.16, 0.00, 0.12, 0.09
HSL	136°, 45%, 84%
HSV	136°, 16%, 91%
XYZ	62.0038, 73.5422, 68.0539
YIQ	217.4460, -13.6600, -16.7640

# Conversions

## Conversions Part 2

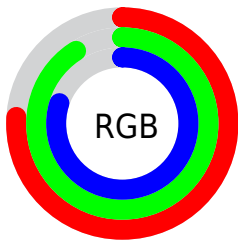
Format	Color
<a href="#">RYB</a>	<a href="#">194, 224, 232</a>
Decimal	<a href="#">12773580</a>
CIELab	<a href="#">88.71, -17.68, 9.53</a>
CIELCh	<a href="#">89, 20.081, 151.675</a>
Yxy	<a href="#">73.5422, 0.3045, 0.3612</a>
Android (android.graphics.Color)	<a href="#">4290963660 (0xFFC2E8CC)</a>
YUV	<a href="#">217.4460, -6.6289, -20.5621</a>
Hunter-Lab	<a href="#">85.7567, -21.0153, 12.9790</a>

# Details

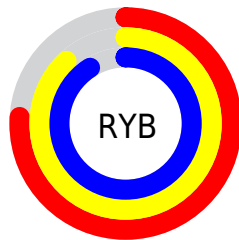
The Hex color **C2E8CC** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8C2DE**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FBFFFF**, and **8CB096** is the 20% darker color. If you saturate the color by 10%, you get **ABE8BB**, and if you desaturate by 10%, it is **D9E8DD**.

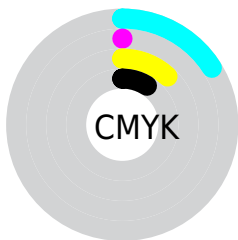
# Distribution



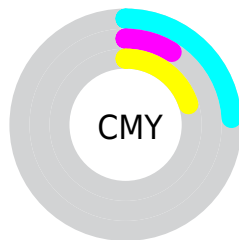
- Red (76%)
- Green (91%)
- Blue (80%)



- Red (76%)
- Yellow (88%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (24%)
- Magenta (9%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2E8CC 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 C2E8CC by changing the saturation by 10% instead.





C2E8CC

FFFFFF



FBFFFF



C2E8CC



A7CCB1



8CB096



72967C



597C63



41634B



2A4B34



14341F



001F08



000000

 C2E8CC

 C2E8CC

 ABE8BB

 D9E8DD

 94E8AA

 F0E8EE

 7CE899

 FFE8FF

 65E888

 4EE877

 37E865

 20E854

 08E843

 00E83D

# Harmonies

## Analogous

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



D8E4BE



C2E8CC



B2EADF

# Triad

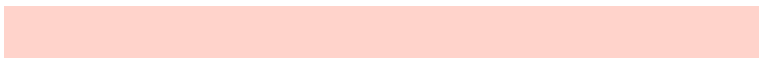
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



C2E8CC



CBE0FF



FFD3CB

# Complementary

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



C2E8CC



E8C2DE

# 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.



FFD1DE



C2E8CC



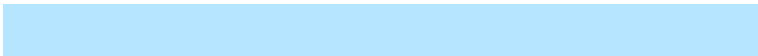
E4D9FF

# Square

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



C2E8CC



B6E6FF



F9D4F1



FED7BE

# Rectangle

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



C2E8CC



ACEAEC



F9D4F1



FFD2D1



# Sweetspot

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



C2E8CC



F2FFF6



DFE8C2



78807A



000000



808080

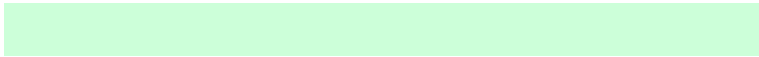


# Same Dimension

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



C2E8CC



CCFFD9



C2E8DF



67736A



00B32F



00330D



# Inverse Universe

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



E8C2DE



FFCCF2



E8C2CC



736770



B30084

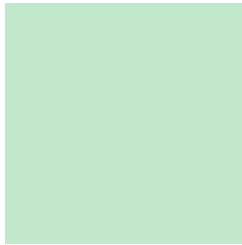


330026



# Previews

## White Background



This preview shows how the Hex color C2E8CC looks on a white background.

## Color Contrast Check

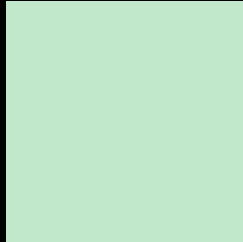
Large Text (above 18pt) WCAG AA × Fail

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 C2E8CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

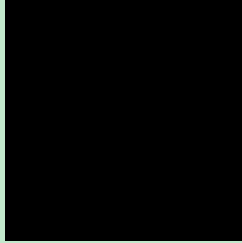
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

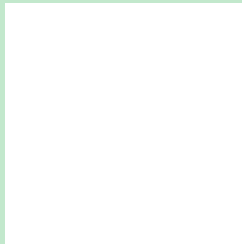
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C2E8CC Background



This preview shows how black text looks on a background with the Hex color C2E8CC.

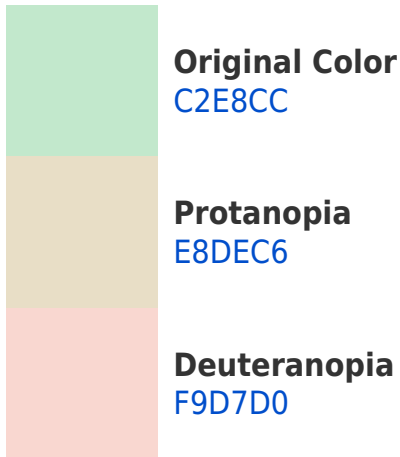


This preview shows how white text looks on a background with the Hex color C2E8CC.

# 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](#).

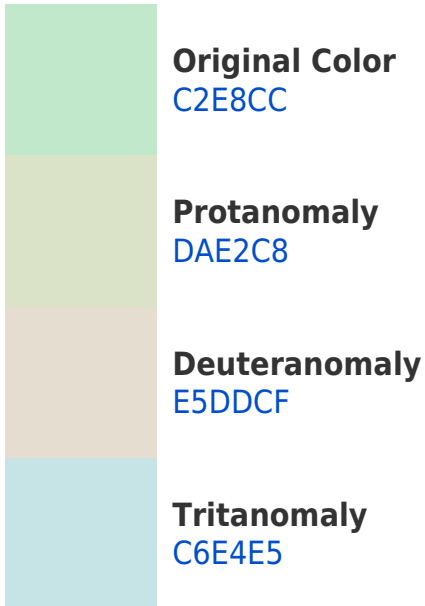
## Dichromacy





**Tritanopia**  
C9E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2E8CC 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 #C2E8CC looks like.

```
.text, #text, p{  
    color:#C2E8CC  
}
```

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 #C2E8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E8CC
}
```

## Border

The CSS property to change the border of an element to Hex C2E8CC 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
#C2E8CC }
```

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

```
.border{ border-color:#C2E8CC }
```

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

Here you see how a box with a 4 pixel `#C2E8CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E8CC; -webkit-box-shadow:4px 4px  
4px 4px #C2E8CC; box-shadow:4px 4px 4px  
4px #C2E8CC }
```

# Background

The CSS property to change the background color of an element to Hex C2E8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E8CC }
```

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

```
.background{ background-color:#C2E8CC }
```

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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