

# Converting Colors

Hex(C2E3EE)

Have a look what the booklet for  
Hex(C2E3EE) contains.

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# **Color**

**Hex(C2E3EE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E3EE
RGB	194, 227, 238
RGB Percent	76%, 89%, 93%
CMY	0.2392, 0.1098, 0.0667
CMYK	0.18, 0.05, 0.00, 0.07
HSL	195°, 56%, 85%
HSV	195°, 18%, 93%
XYZ	65.1498, 72.5806, 91.4646
YIQ	218.3870, -23.1990, -3.5750

# Conversions

## Conversions Part 2

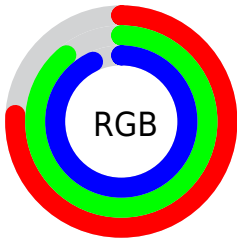
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 213, 238
Decimal	12772334
CIELab	88.25, -8.49, -8.97
CIELCh	88, 12.351, 226.593
Yxy	72.5806, 0.2843, 0.3167
Android (android.graphics.Color)	4290962414 (0xFFC2E3EE)
YUV	218.3870, 9.6692, -21.3874
Hunter-Lab	85.1942, -12.5871, -4.0179

# Details

The Hex color **C2E3EE** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EECDC2**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FBFFFF**, and **8CACB6** is the 20% darker color. If you saturate the color by 10%, you get **AADDEE**, and if you desaturate by 10%, it is **DAE9EE**.

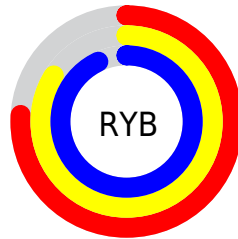
# Distribution



Red (76%)

Green (89%)

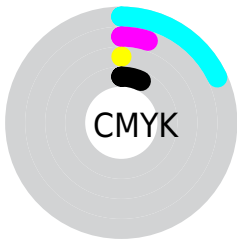
Blue (93%)



Red (76%)

Yellow (84%)

Blue (93%)

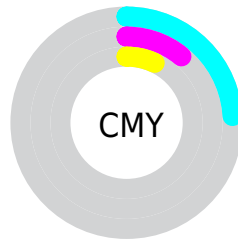


Cyan (18%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (11%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C2E3EE 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 C2E3EE by changing the saturation by 10% instead.



 C2E3EE

 C2E3EE

FFFFFF

 A7C7D2

 FBFFFF


 8CACB6

 72919B

 597781

 405F68

 294750

 113139

 001C24

 00010E

 C2E3EE

 C2E3EE

 AADDEE

 DAE9EE

 92D7EE

 F2EFEE

 7BD1EE

 FFF5EE

 63CBEE

 FFFBEE

 4BC5EE

 FFFFEE

 33BFEE

 1BB9EE

 04B3EE

 00B2EE

# Harmonies

## Analogous

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



C0E4E4



C2E3EE



CBE0F4

# Triad

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



C2E3EE



F2D6E3



E0DFC7

# Complementary

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



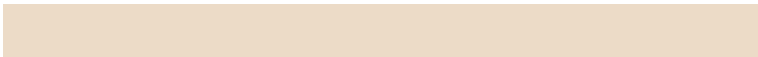
C2E3EE



EECD2

# 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.



ECDBC7



C2E3EE



F7D6D7

# Square

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



C2E3EE



E8D8EE



F5D7CD



D2E2CD

# Rectangle

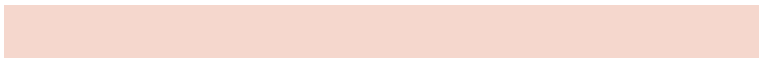
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C2E3EE



D4DDF5



F5D7CD



E5DDC6

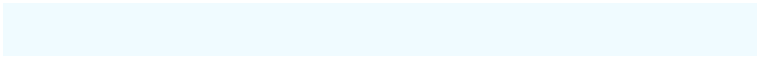


# Sweetspot

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



C2E3EE



F0FBFF



C2EECD



777D80



000000



808080

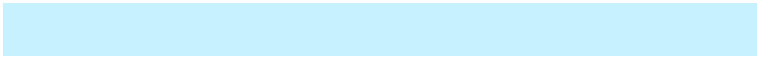


# Same Dimension

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



C2E3EE



C7F1FF



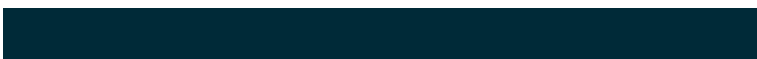
C2CDEE



6C7578



008AB8



002A38



# Inverse Universe

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



EEC2E3



FFC7F1



EEE3C2



786C75



B8008A

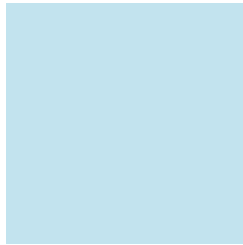


38002A



# Previews

## White Background



This preview shows how the Hex color C2E3EE looks on a white background.

## Color Contrast Check

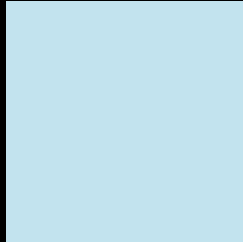
Large Text (above 18pt) WCAG AA × Fail

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 C2E3EE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

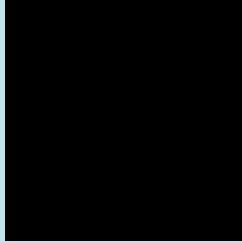
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C2E3EE Background



This preview shows how black text looks on a background with the Hex color C2E3EE.

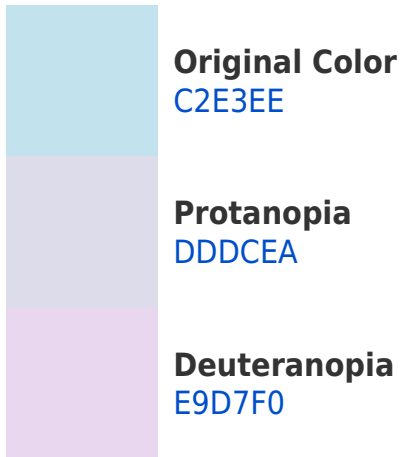


This preview shows how white text looks on a background with the Hex color C2E3EE.

# 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



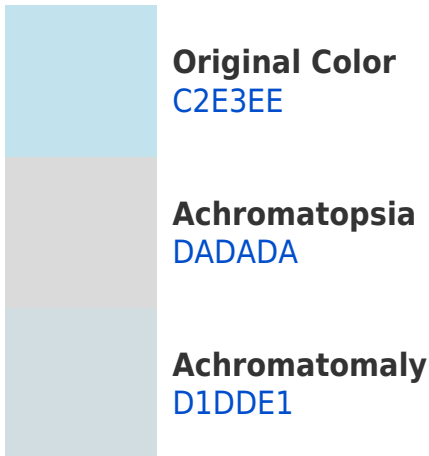


**Tritanopia**  
C3E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C2E3EE 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 #C2E3EE looks like.

```
.text, #text, p{  
    color:#C2E3EE  
}
```

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 #C2E3EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2E3EE
}
```

## Border

The CSS property to change the border of an element to Hex C2E3EE 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
#C2E3EE }
```

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

```
.border{ border-color:#C2E3EE }
```

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

Here you see how a box with a 4 pixel #C2E3EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2E3EE; -webkit-box-shadow:4px 4px  
4px 4px #C2E3EE; box-shadow:4px 4px 4px  
4px #C2E3EE }
```

# Background

The CSS property to change the background color of an element to Hex C2E3EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2E3EE }
```

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

```
.background{ background-color:#C2E3EE }
```

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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