

# Converting Colors

Hex(C0E3E8)

Have a look what the booklet for  
Hex(C0E3E8) contains.

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# **Color**

**Hex(C0E3E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E3E8
RGB	192, 227, 232
RGB Percent	75%, 89%, 91%
CMY	0.2471, 0.1098, 0.0902
CMYK	0.17, 0.02, 0.00, 0.09
HSL	188°, 47%, 83%
HSV	188°, 17%, 91%
XYZ	63.7728, 71.9708, 86.8745
YIQ	217.1050, -22.4650, -5.8650

# Conversions

## Conversions Part 2

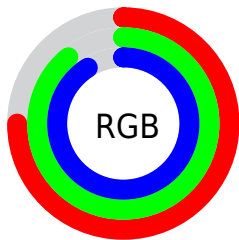
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 211, 232
Decimal	12641256
CIELab	87.95, -10.35, -6.27
CIELCh	88, 12.103, 211.184
Yxy	71.9708, 0.2865, 0.3233
Android (android.graphics.Color)	4290831336 (0xFFC0E3E8)
YUV	217.1050, 7.3432, -22.0171
Hunter-Lab	84.8356, -14.2800, -1.3300

# Details

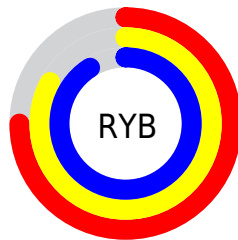
The Hex color **C0E3E8** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8C5C0**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F9FFFF**, and **8AACB0** is the 20% darker color. If you saturate the color by 10%, you get **A9E0E8**, and if you desaturate by 10%, it is **D7E6E8**.

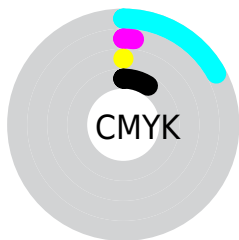
# Distribution



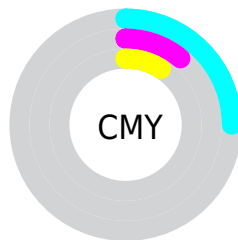
- Red (75%)
- Green (89%)
- Blue (91%)



- Red (75%)
- Yellow (83%)
- Blue (91%)



- Cyan (17%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (25%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E3E8 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 C0E3E8 by changing the saturation by 10% instead.



 C0E3E8

FFFFFF

 F9FFFF

 C0E3E8

 A5C7CC

 8AACB0

 709196

 57777C

 3F5F63

 27474B

 0F3035

 001C1F

 000007

 C0E3E8

 C0E3E8

 A9E0E8

 D7E6E8

 92DDE8

 EEE9E8

 7ADAE8

 FFECE8

 63D7E8

 FFEFE8

 4CD4E8

 FFF2E8

 35D2E8

 FFF4E8

 1ECFE8

 FFF7E8

 06CCE8

 FFFAE8

 00CBE8

 FFFDE8

# Harmonies

## Analogous

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



C3E4DD



C0E3E8



C5E1F0

# Triad

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



C0E3E8



ECD6E8



E6DCC6

# Complementary

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



C0E3E8



E8C5C0

# 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.



F0D8C9



C0E3E8



F4D5DC

# Square

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



C0E3E8



E0DAF0



F5D6D1



D9E0C9

# Rectangle

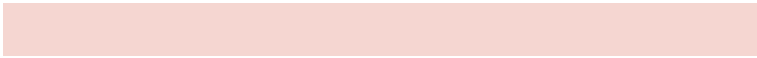
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0E3E8



CDDFF3



F5D6D1



EADBC6



# Sweetspot

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



C0E3E8



F2FDFF



C0E8C5



787F80



000000



808080

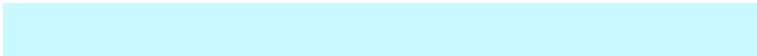


# Same Dimension

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



C0E3E8



C9F8FF



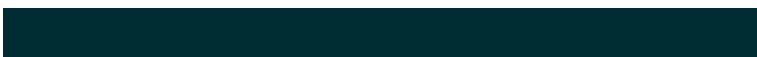
C0CFE8



677173



009CB3



002D33



# Inverse Universe

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



E8C0E3



FFC9F8



E8D9C0



736771



B3009C

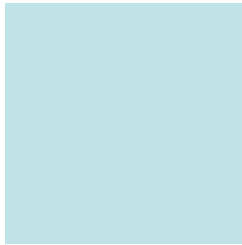


33002D



# Previews

## White Background



This preview shows how the Hex color C0E3E8 looks on a white background.

## Color Contrast Check

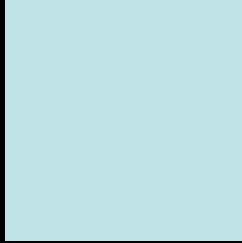
Large Text (above 18pt) WCAG AA × Fail

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 C0E3E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

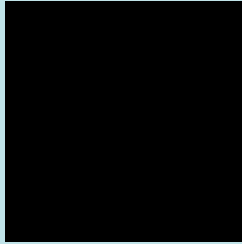
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0E3E8 Background



This preview shows how black text looks on a background with the Hex color C0E3E8.



This preview shows how white text looks on a background with the Hex color C0E3E8.

# 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](#).

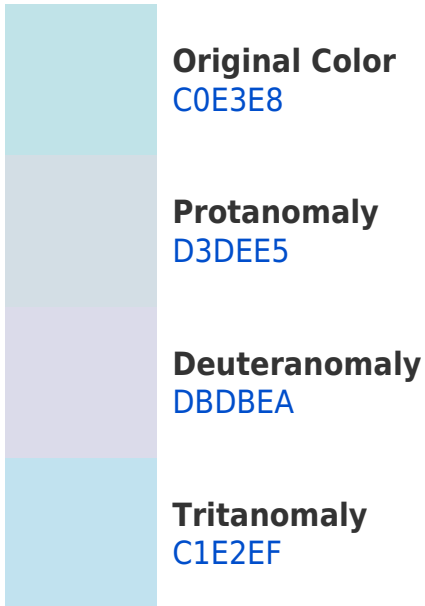
## Dichromacy



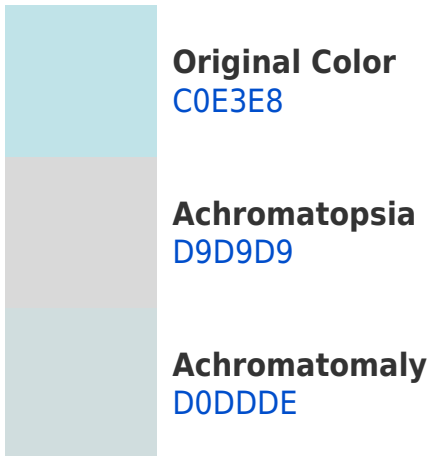


**Tritanopia**  
C2E1F3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E3E8 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 #C0E3E8 looks like.

```
.text, #text, p{  
    color:#C0E3E8  
}
```

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 #C0E3E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E3E8
}
```

## Border

The CSS property to change the border of an element to Hex C0E3E8 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
#C0E3E8 }
```

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

```
.border{ border-color:#C0E3E8 }
```

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

Here you see how a box with a 4 pixel #C0E3E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E3E8; -webkit-box-shadow:4px 4px  
4px 4px #C0E3E8; box-shadow:4px 4px 4px  
4px #C0E3E8 }
```

# Background

The CSS property to change the background color of an element to Hex C0E3E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E3E8 }
```

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

```
.background{ background-color:#C0E3E8 }
```

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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