

# Converting Colors

Hex(C0E5ED)

Have a look what the booklet for  
Hex(C0E5ED) contains.

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# **Color**

**Hex(C0E5ED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E5ED
RGB	192, 229, 237
RGB Percent	75%, 90%, 93%
CMY	0.2471, 0.1020, 0.0706
CMYK	0.19, 0.03, 0.00, 0.07
HSL	191°, 56%, 84%
HSV	191°, 19%, 93%
XYZ	65.0436, 73.3595, 90.8524
YIQ	218.8490, -24.6200, -5.3560

# Conversions

## Conversions Part 2

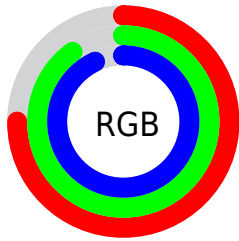
<b>Format</b>	<b>Color</b>
<b>RYB</b>	192, 212, 237
Decimal	12641773
CIELab	88.62, -10.33, -7.91
CIELCh	89, 13.010, 217.446
Yxy	73.3595, 0.2837, 0.3200
Android (android.graphics.Color)	4290831853 (0xFFC0E5ED)
YUV	218.8490, 8.9484, -23.5466
Hunter-Lab	85.6502, -14.3331, -2.9360

# Details

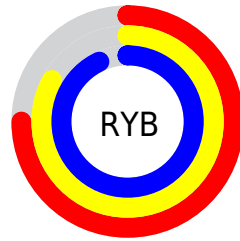
The Hex color **C0E5ED** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDC8C0**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F9FFFF**, and **8AAEB5** is the 20% darker color. If you saturate the color by 10%, you get **A8E1ED**, and if you desaturate by 10%, it is **D8E9ED**.

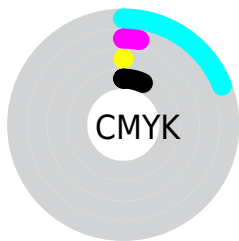
# Distribution



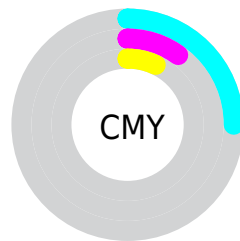
- Red (75%)
- Green (90%)
- Blue (93%)



- Red (75%)
- Yellow (83%)
- Blue (93%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C0E5ED 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 C0E5ED by changing the saturation by 10% instead.



 C0E5ED

 C0E5ED

FFFFFF

 A5C9D1

 F9FFFF

 8AAEB5

 70939A

 577980

 3E6067

 26494F

 0D3238

 001D23

 00010D

 C0E5ED

 C0E5ED

 A8E1ED

 D8E9ED

 91DDED

 EFEDED

 79D8ED

 FFF2ED

 61D4ED

 FFF6ED

 49D0ED

 FFFAED

 32CCED

 FFFEED

 1AC8ED

 FFFFED

 02C3ED

 00C3ED

# Harmonies

## Analogous

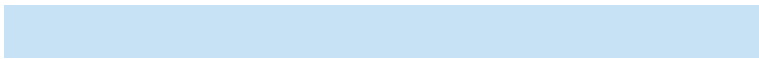
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



C1E6E1



C0E5ED



C8E2F5

# Triad

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



C0E5ED



F2D7E8



E6DFC6

# Complementary

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



C0E5ED



EDC8C0

# Split Complementary

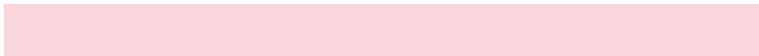
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



F2DBC8



C0E5ED



F9D6DC

# Square

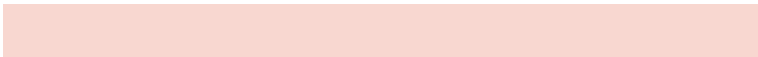
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C0E5ED



E5DAF2



F8D7D0



D7E2CB

# Rectangle

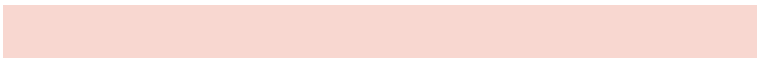
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C0E5ED



D0E0F7



F8D7D0



EADDC6

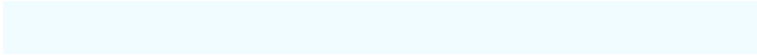


# Sweetspot

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



C0E5ED



F0FCFF



C0EDC7



777E80



000000



808080

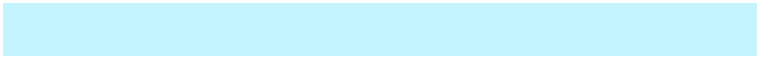


# Same Dimension

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



C0E5ED



C4F5FF



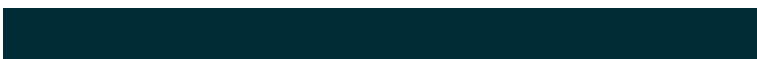
C0CFED



6A7375



0095B5



002C36



# Inverse Universe

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



EDC0E5



FFC4F5



EDDEC0



756A73



B50095

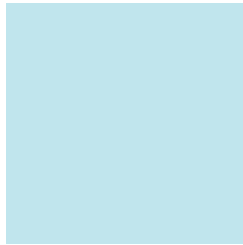


36002C



# Previews

## White Background



This preview shows how the Hex color C0E5ED looks on a white background.

## Color Contrast Check

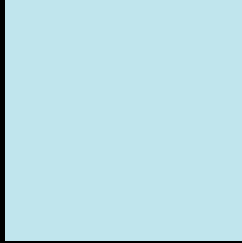
Large Text (above 18pt) WCAG AA × Fail

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 C0E5ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

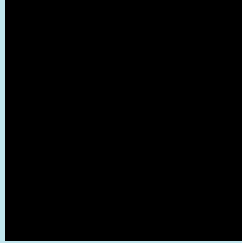
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C0E5ED Background



This preview shows how black text looks on a background with the Hex color C0E5ED.

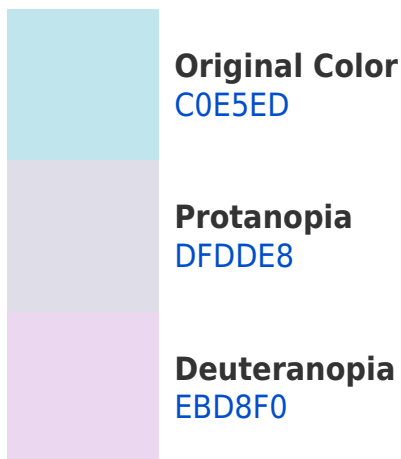


This preview shows how white text looks on a background with the Hex color C0E5ED.

# 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](#).

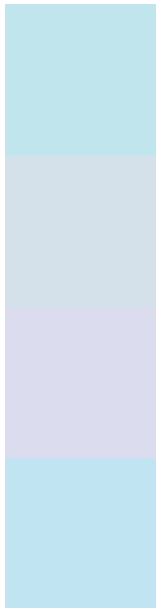
## Dichromacy





**Tritanopia**  
C2E4F6

# Trichromacy



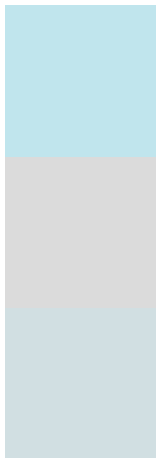
**Original Color**  
C0E5ED

**Protanomaly**  
D4E0EA

**Deuteranomaly**  
DBDDEF

**Tritanomaly**  
C1E4F3

# Monochromacy



**Original Color**  
C0E5ED

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D1DFE2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C0E5ED 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 #C0E5ED looks like.

```
.text, #text, p{  
    color:#C0E5ED  
}
```

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 #C0E5ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C0E5ED
}
```

## Border

The CSS property to change the border of an element to Hex C0E5ED 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
#C0E5ED }
```

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

```
.border{ border-color:#C0E5ED }
```

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

Here you see how a box with a 4 pixel `#C0E5ED` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C0E5ED; -webkit-box-shadow:4px 4px  
4px 4px #C0E5ED; box-shadow:4px 4px 4px  
4px #C0E5ED }
```

# Background

The CSS property to change the background color of an element to Hex C0E5ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C0E5ED }
```

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

```
.background{ background-color:#C0E5ED }
```

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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