

# Converting Colors

Hex(C1E0E6)

Have a look what the booklet for  
Hex(C1E0E6) contains.

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# **Color**

**Hex(C1E0E6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1E0E6
RGB	193, 224, 230
RGB Percent	76%, 88%, 90%
CMY	0.2431, 0.1216, 0.0980
CMYK	0.16, 0.03, 0.00, 0.10
HSL	190°, 43%, 83%
HSV	190°, 16%, 90%
XYZ	62.9309, 70.3619, 85.1273
YIQ	215.4150, -20.4020, -4.7060

# Conversions

## Conversions Part 2

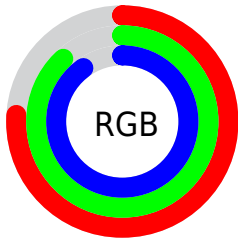
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 210, 230
Decimal	12706022
CIE Lab	87.17, -8.92, -6.36
CIE LCh	87, 10.959, 215.476
Yxy	70.3619, 0.2881, 0.3221
Android (android.graphics.Color)	4290896102 (0xFFC1E0E6)
YUV	215.4150, 7.1904, -19.6580
Hunter-Lab	83.8820, -12.8773, -1.4528

# Details

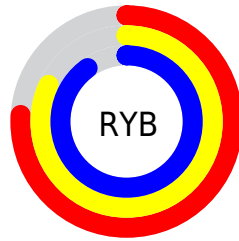
The Hex color **C1E0E6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E6C7C1**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **FAFFFF**, and **8BA9AF** is the 20% darker color. If you saturate the color by 10%, you get **AADCE6**, and if you desaturate by 10%, it is **D8E4E6**.

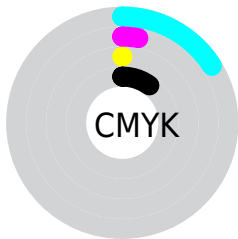
# Distribution



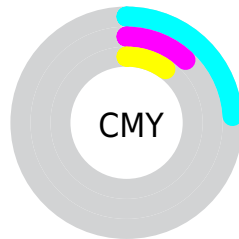
- Red (76%)
- Green (88%)
- Blue (90%)



- Red (76%)
- Yellow (82%)
- Blue (90%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (12%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1E0E6 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 C1E0E6 by changing the saturation by 10% instead.



 C1E0E6

 C1E0E6

FFFFFF

 A6C4CA

 FAFFFF

 8BA9AF

 718E94

 58757A

 405C61

 29454A

 122E33

 001A1E

 000004

 C1E0E6

 C1E0E6

 AADCE6

 D8E4E6

 93D9E6

 EFE7E6

 7CD5E6

 FFEBE6

 65D1E6

 FFEFE6

 4ECDE6

 FFF3E6

 37CAE6

 FFF6E6

 20C6E6

 FFFAE6

 09C2E6

 FFFEE6

 00C1E6

 FFFF6E6

# Harmonies

## Analogous

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



C2E1DC



C1E0E6



C7DEED

# Triad

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



C1E0E6



EAD4E3



E1DAC6

# Complementary

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



C1E0E6



E6C7C1

# 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.



EBD7C8



C1E0E6



F0D3D9

# Square

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



C1E0E6



DFD7EB



F1D4CF



D5DDC9

# Rectangle

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



C1E0E6



CEDCEF



F1D4CF



E5D9C6

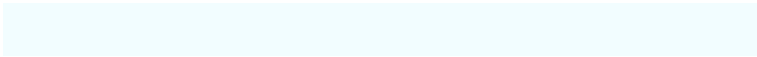


# Sweetspot

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



C1E0E6



F2FDFF



C1E6C7



787E80



000000



808080

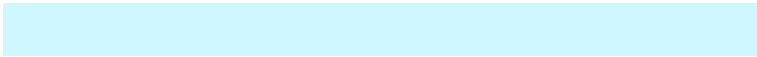


# Same Dimension

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



C1E0E6



CFF7FF



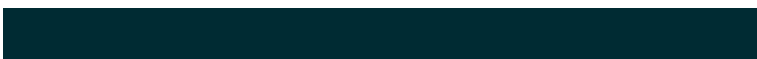
C1CEE6



677173



0096B3



002B33



# Inverse Universe

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



E6C1E0



FFCFF7



E6D9C1



736771



B30096

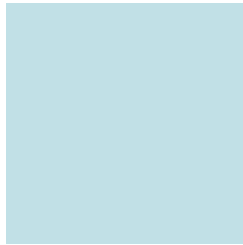


33002B



# Previews

## White Background



This preview shows how the Hex color C1E0E6 looks on a white background.

## Color Contrast Check

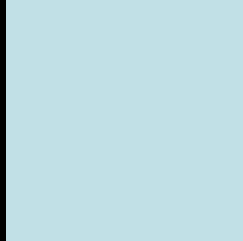
Large Text (above 18pt) WCAG AA × Fail

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 C1E0E6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

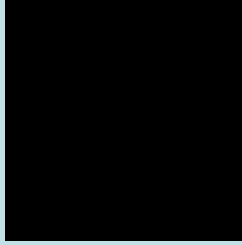
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

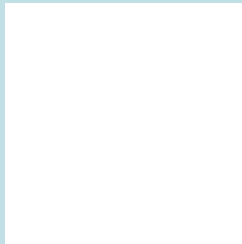
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex C1E0E6 Background



This preview shows how black text looks on a background with the Hex color C1E0E6.

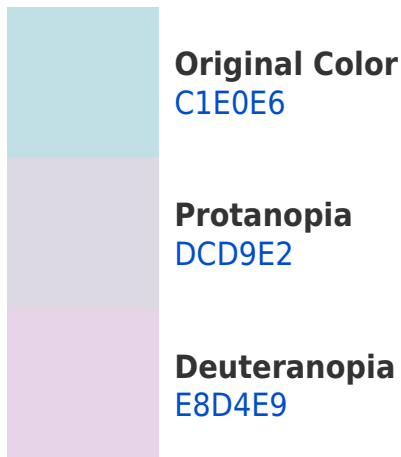


This preview shows how white text looks on a background with the Hex color C1E0E6.

# 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](#).

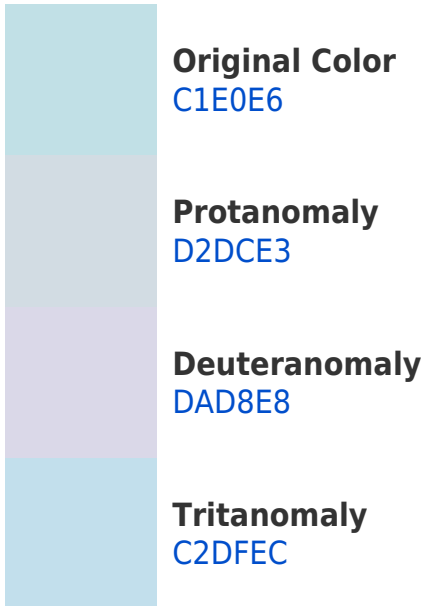
## Dichromacy



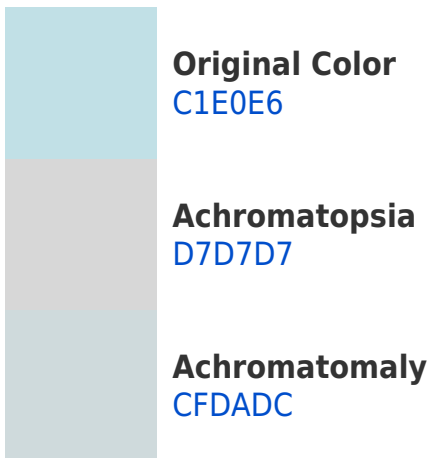


**Tritanopia**  
C3DEF0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1E0E6 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 #C1E0E6 looks like.

```
.text, #text, p{  
    color:#C1E0E6  
}
```

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 #C1E0E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1E0E6  
}
```

## Border

The CSS property to change the border of an element to Hex C1E0E6 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  
#C1E0E6 }
```

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

```
.border{ border-color:#C1E0E6 }
```

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

Here you see how a box with a 4 pixel #C1E0E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1E0E6; -webkit-box-shadow:4px 4px  
4px 4px #C1E0E6; box-shadow:4px 4px 4px  
4px #C1E0E6 }
```

# Background

The CSS property to change the background color of an element to Hex C1E0E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1E0E6 }
```

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

```
.background{ background-color:#C1E0E6 }
```

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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