

# Converting Colors

Hex(CCE1E0)

Have a look what the booklet for  
Hex(CCE1E0) contains.

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# Color

**Hex(CCE1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCE1E0
RGB	204, 225, 224
RGB Percent	80%, 88%, 88%
CMY	0.2000, 0.1176, 0.1216
CMYK	0.09, 0.00, 0.00, 0.12
HSL	177°, 26%, 84%
HSV	177°, 9%, 88%
XYZ	65.2816, 72.0696, 80.9911
YIQ	218.6070, -12.1950, -4.7630

# Conversions

## Conversions Part 2

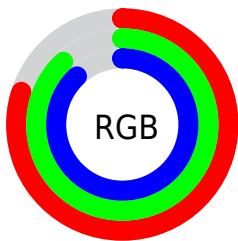
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	204, 215, 225
Decimal	13427168
CIE <sub>Lab</sub>	88.00, -7.13, -1.90
CIE <sub>LCh</sub>	88, 7.382, 194.906
Yxy	72.0696, 0.2990, 0.3301
Android (android.graphics.Color)	4291617248 (0xFFCCE1E0)
YUV	218.6070, 2.6587, -12.8103
Hunter-Lab	84.8938, -11.3014, 2.8613

# Details

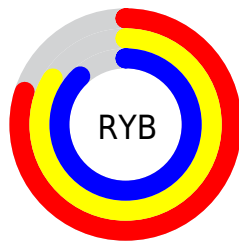
The Hex color **CCE1E0** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E1CCCD**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **FFFFFF**, and **96AAA9** is the 20% darker color. If you saturate the color by 10%, you get **B6E1DF**, and if you desaturate by 10%, it is **E3E1E1**.

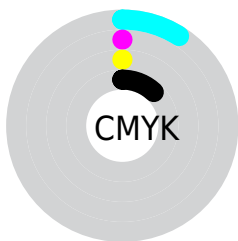
# Distribution



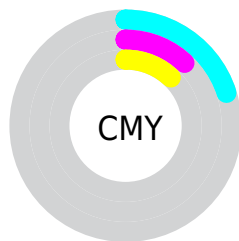
- Red (80%)
- Green (88%)
- Blue (88%)



- Red (80%)
- Yellow (84%)
- Blue (88%)



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



- Cyan (20%)
- Magenta (12%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE1E0 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 CCE1E0 by changing the saturation by 10% instead.



 CCE1E0

FFFFFF

 CCE1E0

 B0C5C4

 96AAA9

 7C8F8E

 637675

 4B5D5C

 344545

 1E2F2F

 081A1A

 000000

 CCE1E0

 CCE1E0

 B6E1DF

 E3E1E1

 9FE1DE

 F9E1E2

 89E1DD

 FFE1E3

 72E1DC

 FFE1E4

 5CE1DB

 FFE1E5

 45E1DA

 FFE1E6

 2FE1D9

 FFE1E7

 18E1D7

 FFE1E9

 02E1D6

 FFE1EA

# Harmonies

## Analogous

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



D0E1D9



CCE1E0



CDE0E6

# Triad

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



CCE1E0



E2DAE7



E6DBCf

# Complementary

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



CCE1E0



E1CCCD

# 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.



EBD9D3



CCE1E0



E9D8E1

# Square

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



CCE1E0



DADCEA



ECD8D9



DFDDCF

# Rectangle

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



CCE1E0



D0DFE9



ECD8D9



E8DAD0



# Sweetspot

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



CCE1E0



F7FFFF



CDE1CC



7A807F



000000



808080



# Same Dimension

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



CCE1E0



E3FFFE



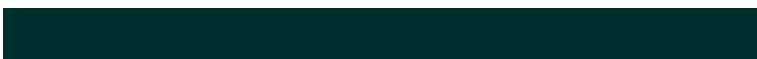
CCD8E1



657070



00B0A8



00302E

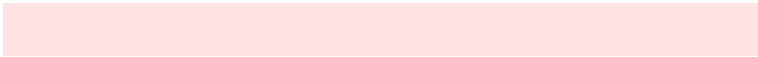


# Inverse Universe

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



E1CCCD



FFE3E4



E1D5CC



706566



B00008

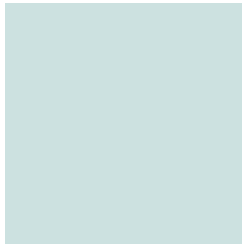


300002



# Previews

## White Background



This preview shows how the Hex color CCE1E0 looks on a white background.

## Color Contrast Check

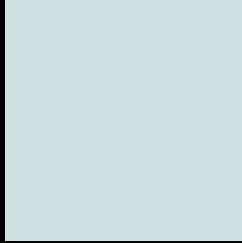
Large Text (above 18pt) WCAG AA × Fail

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 CCE1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

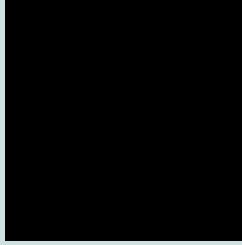
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

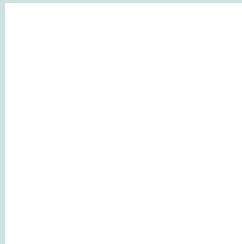
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCE1E0 Background



This preview shows how black text looks on a background with the Hex color CCE1E0.

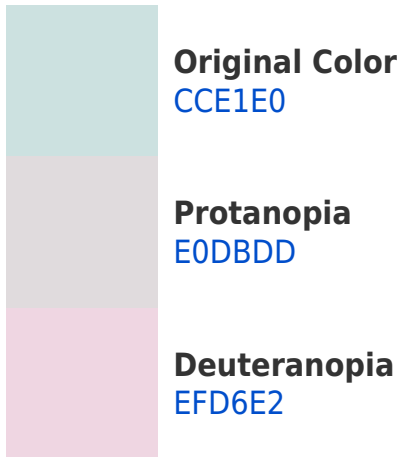


This preview shows how white text looks on a background with the Hex color CCE1E0.

# Color Blindness Simulation

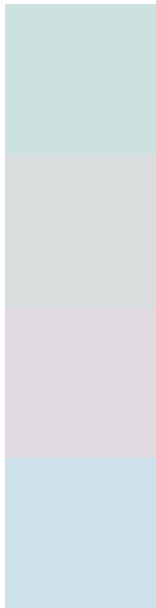
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



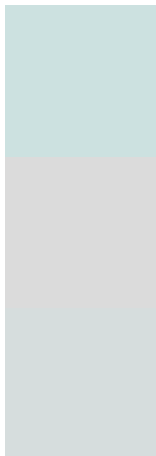
**Original Color**  
CCE1E0

**Protanomaly**  
D9DDDE

**Deuteranomaly**  
E2DAE1

**Tritanomaly**  
CEE0EA

# Monochromacy



**Original Color**  
CCE1E0

**Achromatopsia**  
DBDBDB

**Achromatomaly**  
D6DDDD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE1E0 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 #CCE1E0 looks like.

```
.text, #text, p{  
    color:#CCE1E0  
}
```

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 #CCE1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE1E0
}
```

## Border

The CSS property to change the border of an element to Hex CCE1E0 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
#CCE1E0 }
```

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

```
.border{ border-color:#CCE1E0 }
```

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

Here you see how a box with a 4 pixel `#CCE1E0` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE1E0; -webkit-box-shadow:4px 4px  
4px 4px #CCE1E0; box-shadow:4px 4px 4px  
4px #CCE1E0 }
```

# Background

The CSS property to change the background color of an element to Hex CCE1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE1E0 }
```

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

```
.background{ background-color:#CCE1E0 }
```

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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