

# Converting Colors

Hex(CCE2E7)

Have a look what the booklet for  
Hex(CCE2E7) contains.

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# **Color**

**Hex(CCE2E7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | CCE2E7                      |
| RGB         | 204, 226, 231               |
| RGB Percent | 80%, 89%, 91%               |
| CMY         | 0.2000, 0.1137, 0.0941      |
| CMYK        | 0.12, 0.02, 0.00, 0.09      |
| HSL         | 191°, 36%, 85%              |
| HSV         | 191°, 12%, 91%              |
| XYZ         | 66.5220, 72.9996, 86.1856   |
| YIQ         | 219.9920, -14.7170, -3.1090 |

# Conversions

## Conversions Part 2

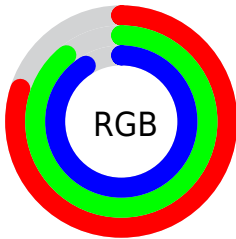
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 204, 216, 231                 |
| Decimal                             | 13427431                      |
| CIE <sub>Lab</sub>                  | 88.45, -6.28, -4.93           |
| CIE <sub>LCh</sub>                  | 88, 7.979, 218.118            |
| Yxy                                 | 72.9996, 0.2947,<br>0.3234    |
| Android<br>(android.graphics.Color) | 4291617511<br>(0xFFCCE2E7)    |
| YUV                                 | 219.9920, 5.4269,<br>-14.0250 |
| Hunter-Lab                          | 85.4398, -10.5426,<br>0.0004  |

# Details

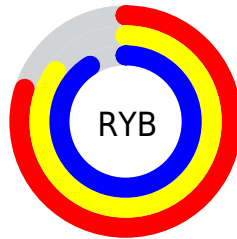
The Hex color **CCE2E7** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **E7D1CC**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFFFF**, and **96ABAF** is the 20% darker color. If you saturate the color by 10%, you get **B5DEE7**, and if you desaturate by 10%, it is **E3E6E7**.

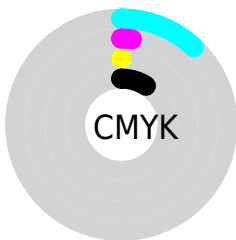
# Distribution



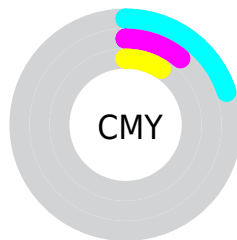
- Red (80%)
- Green (89%)
- Blue (91%)



- Red (80%)
- Yellow (85%)
- Blue (91%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CCE2E7 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 CCE2E7 by changing the saturation by 10% instead.



■ CCE2E7

FFFFFF

■ CCE2E7

■ B0C6CB

■ 96ABAF

■ 7C9095

■ 63777B

■ 4A5E62

■ 33464A

■ 1D3034

■ 081B1F

■ 000005

 CCE2E7

 CCE2E7

 B5DEE7

 E3E6E7

 9ED9E7

 FAEBE7

 87D5E7

 FFEFE7

 70D1E7

 FFF3E7

 59CDE7

 FFF7E7

 41C8E7

 FFFCE7

 2AC4E7

 FFFF7E7

 13C0E7

 00BCE7

# Harmonies

## Analogous

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



CCE3E0



CCE2E7



D1E0EC

# Triad

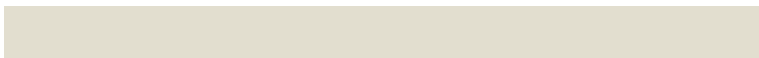
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CCE2E7



EADAE4



E2DEC F

# Complementary

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



CCE2E7



E7D1CC

# 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.



EADCD0



CCE2E7



EED9DC

# Square

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



CCE2E7



E2DBEA



EEDAD5



D9E0D2

# Rectangle

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



CCE2E7



D6DFED



EEDAD5



E5DDCF

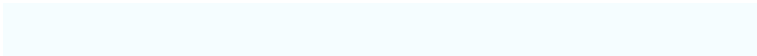


# Sweetspot

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



CCE2E7



F5FDFF



CCE7D1



797E80



000000



808080

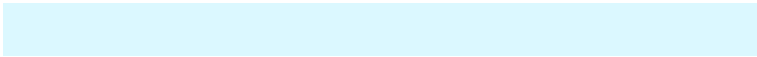


# Same Dimension

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



CCE2E7



DBF8FF



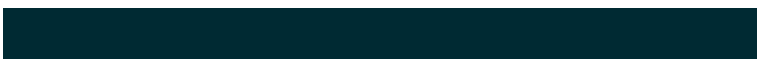
CCD5E7



677173



0091B3



002A33



# Inverse Universe

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



E7CCE2



FFDBF8



E7DECC



736771



B30091

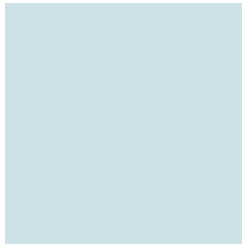


33002A



# Previews

## White Background



This preview shows how the Hex color CCE2E7 looks on a white background.

## Color Contrast Check

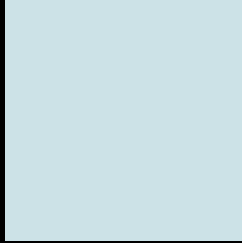
Large Text (above 18pt) WCAG AA × Fail

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 CCE2E7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

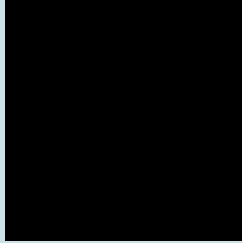
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

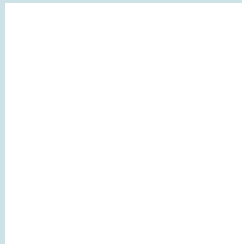
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CCE2E7 Background



This preview shows how black text looks on a background with the Hex color CCE2E7.

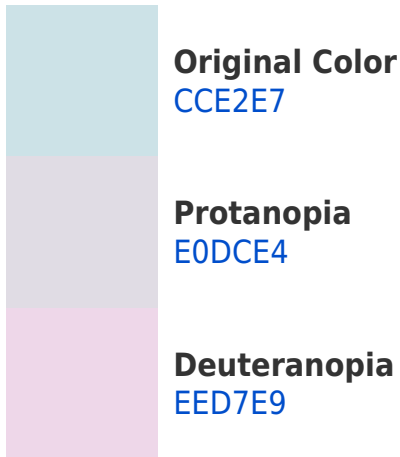


This preview shows how white text looks on a background with the Hex color CCE2E7.

# Color Blindness Simulation

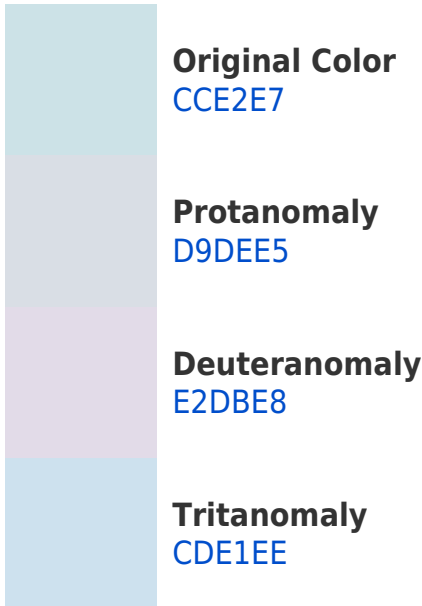
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

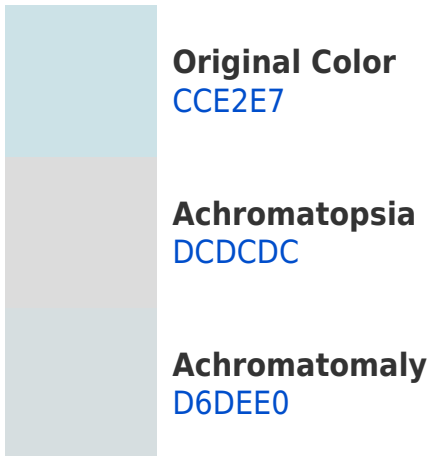




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CCE2E7 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 #CCE2E7 looks like.

```
.text, #text, p{  
    color:#CCE2E7  
}
```

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 #CCE2E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CCE2E7
}
```

## Border

The CSS property to change the border of an element to Hex CCE2E7 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
#CCE2E7 }
```

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

```
.border{ border-color:#CCE2E7 }
```

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

Here you see how a box with a 4 pixel `#CCE2E7` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CCE2E7; -webkit-box-shadow:4px 4px  
4px 4px #CCE2E7; box-shadow:4px 4px 4px  
4px #CCE2E7 }
```

# Background

The CSS property to change the background color of an element to Hex CCE2E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CCE2E7 }
```

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

```
.background{ background-color:#CCE2E7 }
```

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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