

# Converting Colors

Hex(CDEBEB)

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

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# **Color**

**Hex(CDEBEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CDEBEB
RGB	205, 235, 235
RGB Percent	80%, 92%, 92%
CMY	0.1961, 0.0784, 0.0784
CMYK	0.13, 0.00, 0.00, 0.08
HSL	180°, 43%, 86%
HSV	180°, 13%, 92%
XYZ	69.8806, 78.3940, 90.0457
YIQ	226.0300, -17.8800, -6.3600

# Conversions

## Conversions Part 2

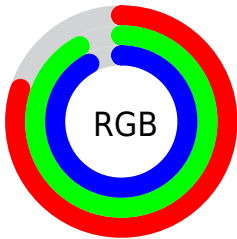
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	205, 220, 235
Decimal	13495275
CIE <sub>Lab</sub>	90.96, -9.76, -3.32
CIE <sub>LCh</sub>	91, 10.304, 198.774
Yxy	78.3940, 0.2932, 0.3289
Android (android.graphics.Color)	4291685355 (0xFFCDEBEB)
YUV	226.0300, 4.4222, -18.4433
Hunter-Lab	88.5404, -14.0643, 1.6802

# Details

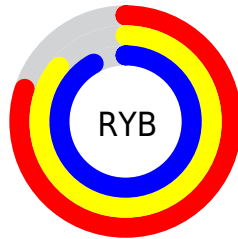
The Hex color **CDEBEB** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EBCDCD**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **96B3B3** is the 20% darker color. If you saturate the color by 10%, you get **B6EBEB**, and if you desaturate by 10%, it is **E5EBEB**.

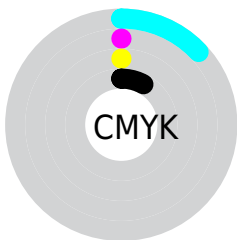
# Distribution



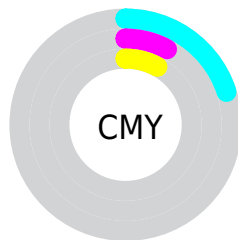
- Red (80%)
- Green (92%)
- Blue (92%)



- Red (80%)
- Yellow (86%)
- Blue (92%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (8%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 CDEBEB

FFFFFF

 CDEBEB

 B1CFCF

 96B3B3

 7C9899

 637F7F

 4B6566

 334D4E

 1D3737

 072122

 00070B

 CDEBEB

 CDEBEB

 B6EBEB

 E5EBEB

 9EEBEB

 FCEBEB

 87EBEB


 FFEBEB

 6FEBEB

 58EBEB

 40EBEB

 29EBEB

 11EBEB

 00EBEB

# Harmonies

## Analogous

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



D2EBE1



CDEBEB



CFEAF4

# Triad

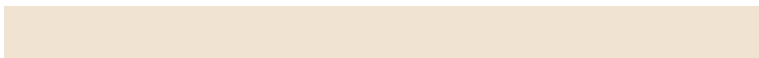
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CDEBEB



EEE1F2



F1E3D2

# Complementary

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



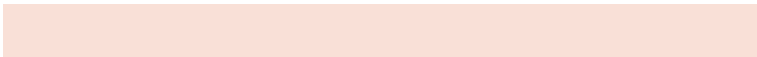
CDEBEB



EBCDCD

# 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.



F9E0D7



CDEBEB



F7DFE9

# Square

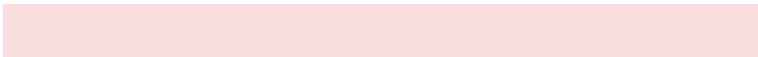
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CDEBEB



E3E4F8



FBD FDF



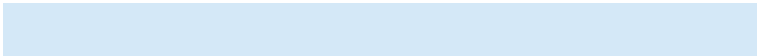
E7E6D2

# Rectangle

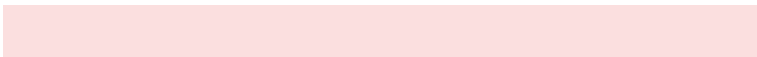
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



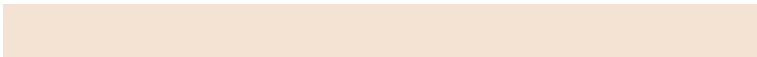
CDEBEB



D4E8F7



FBD FDF



F4E2D3



# Sweetspot

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



CDEBEB



F5FFFF



CDEBCD



798080



000000



808080



# Same Dimension

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



CDEBEB



D9FFFF



CDDCEB



6A7575



00B5B5



003636



# Inverse Universe

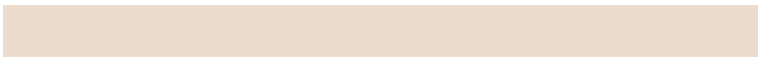
The Inverse Universe completely reimagines the original color for something new.



EBCDEB



FFD9FF



EBDCCD



756A75



B500B5

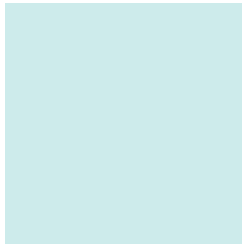


360036



# Previews

## White Background



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

## Color Contrast Check

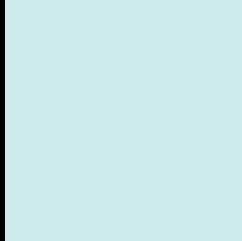
Large Text (above 18pt) WCAG AA × Fail

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 CDEBEB 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

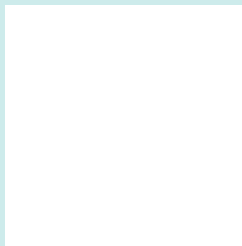
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CDEBEB Background



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



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

# 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](#).

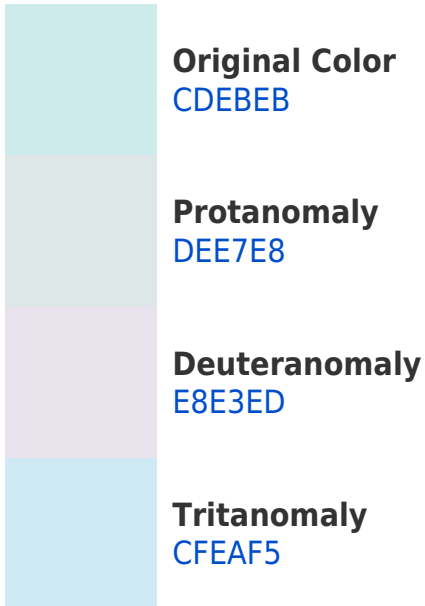
## Dichromacy





**Tritanopia**  
D0E9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CDEBEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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