

# Converting Colors

Hex(CBEBED)

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

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# **Color**

**Hex(CBEBED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEBED
RGB	203, 235, 237
RGB Percent	80%, 92%, 93%
CMY	0.2039, 0.0784, 0.0706
CMYK	0.14, 0.01, 0.00, 0.07
HSL	184°, 49%, 86%
HSV	184°, 14%, 93%
XYZ	69.6230, 78.2276, 91.5507
YIQ	225.6600, -19.7140, -6.1620

# Conversions

## Conversions Part 2

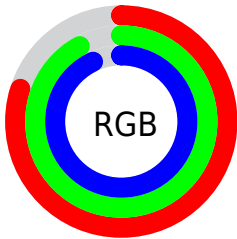
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 219, 237
Decimal	13364205
CIE <sub>Lab</sub>	90.88, -9.98, -4.49
CIE <sub>LCh</sub>	91, 10.946, 204.199
Yxy	78.2276, 0.2908, 0.3268
Android (android.graphics.Color)	4291554285 (0xFFCBEDED)
YUV	225.6600, 5.5906, -19.8728
Hunter-Lab	88.4464, -14.2699, 0.5415

# Details

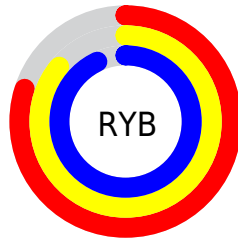
The Hex color **CBEBED** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDCDCB**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **94B3B5** is the 20% darker color. If you saturate the color by 10%, you get **B3EAED**, and if you desaturate by 10%, it is **E3ECED**.

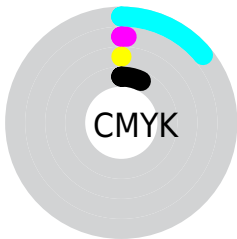
# Distribution



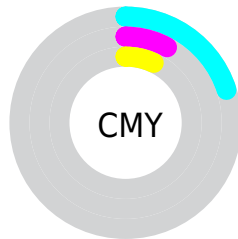
- Red (80%)
- Green (92%)
- Blue (93%)



- Red (80%)
- Yellow (86%)
- Blue (93%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (8%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 CBEBED

FFFFFF

 CBEBED


 AFCFD1

 94B3B5

 7A989A

 617F80

 496567

 314D4F

 1B3739

 042123

 00070E

 CBEBED

 CBEBED

 B3EAED

 E3ECED

 9CE8ED

 FAEEED

 84E7ED

 FFEFED

 6CE5ED

 FFF1ED

 54E4ED

 FFF2ED

 3DE3ED

 FFF3ED

 25E1ED

 FFF5ED

 0DE0ED

 FFF6ED

 00DFED

 FFF8ED

# Harmonies

## Analogous

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



CFEBE2



CBEBED



CEE9F5

# Triad

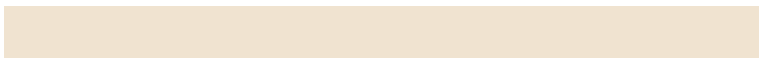
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBEBED



F1E0F1



F0E3D0

# Complementary

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



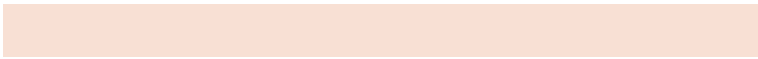
CBEBED



EDCDCB

# 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.



F8E0D4



CBEBED



F9DEE7

# Square

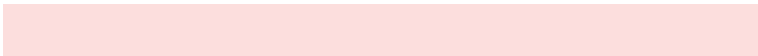
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



CBEBED



E5E3F8



FCDEDD



E4E7D2

# Rectangle

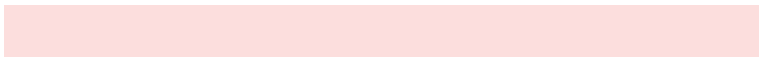
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



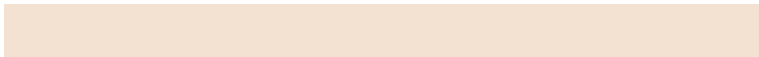
CBEBED



D4E7F9



FCDEDD



F3E2D1



# Sweetspot

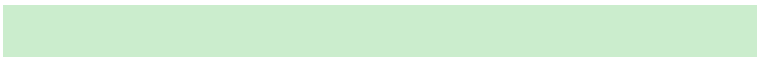
The Sweet Spot groups the original color and five complimentary colors.



CBEBED



F5FEFF



CBEDCD



797F80



000000



808080



# Same Dimension

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



CBEBED



D4FCFF



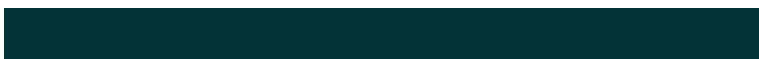
CBDAED



6A7575



00AAB5



003236



# Inverse Universe

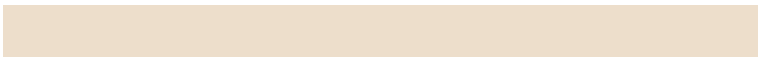
The Inverse Universe completely reimagines the original color for something new.



EDCBEB



FFD4FC



EDDECB



756A75



B500AA

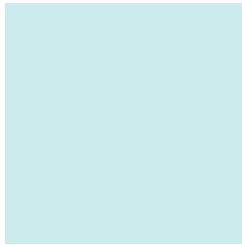


360032



# Previews

## White Background



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

## Color Contrast Check

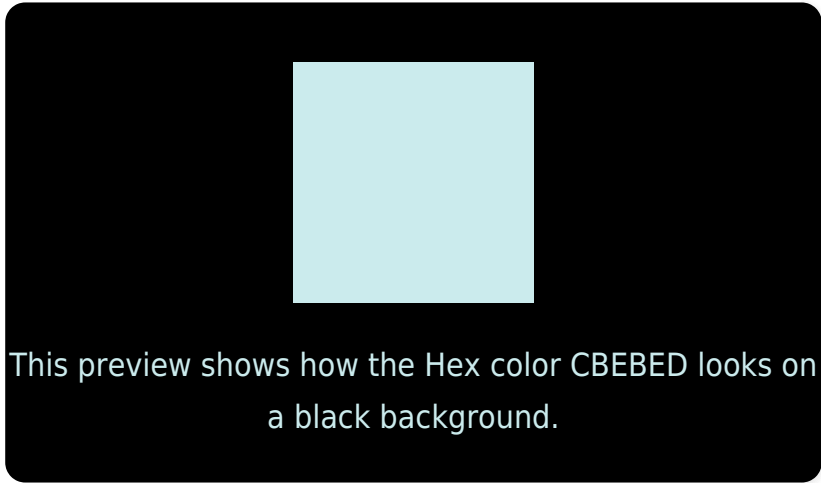
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

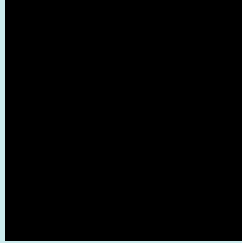
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

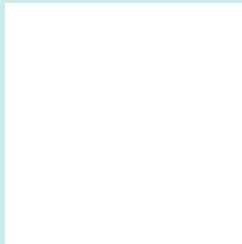
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBEBED Background



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

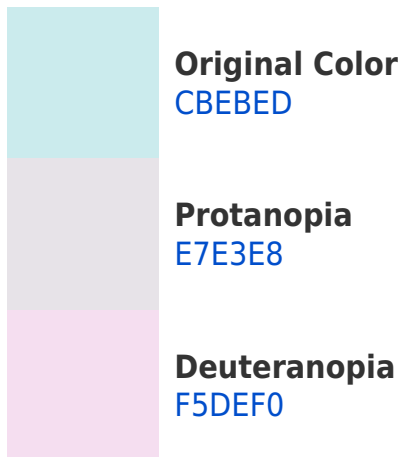


This preview shows how white text looks on a background with the Hex color CBEBED.

# 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](#).

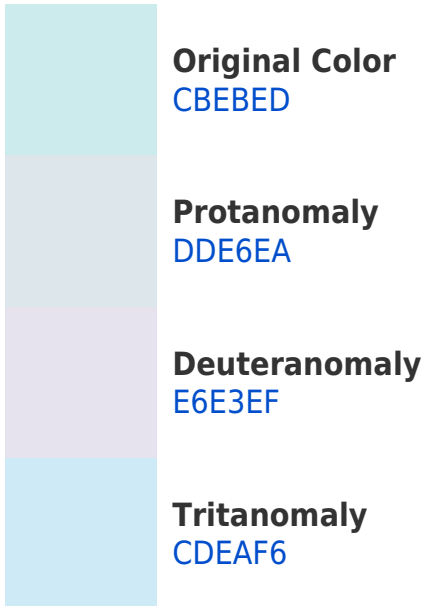
## Dichromacy



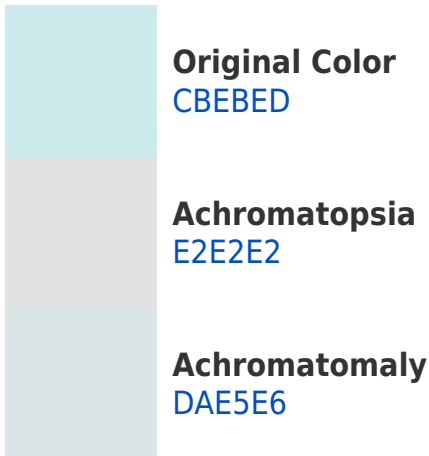


**Tritanopia**  
CEE9FB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #CBEDED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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