

# Converting Colors

Hex(CBE8D0)

Have a look what the booklet for  
Hex(CBE8D0) contains.

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# **Color**

**Hex(CBE8D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBE8D0
RGB	203, 232, 208
RGB Percent	80%, 91%, 82%
CMY	0.2039, 0.0902, 0.1843
CMYK	0.13, 0.00, 0.10, 0.09
HSL	130°, 39%, 85%
HSV	130°, 13%, 91%
XYZ	64.8704, 74.9638, 70.7249
YIQ	220.5930, -9.5800, -13.6120

# Conversions

## Conversions Part 2

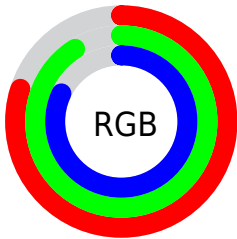
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 228, 232
Decimal	13363408
CIE <sub>Lab</sub>	89.38, -13.98, 8.48
CIE <sub>LCh</sub>	89, 16.352, 148.782
Yxy	74.9638, 0.3081, 0.3560
Android (android.graphics.Color)	4291553488 (0xFFCBE8D0)
YUV	220.5930, -6.2083, -15.4291
Hunter-Lab	86.5816, -17.7786, 12.1756

# Details

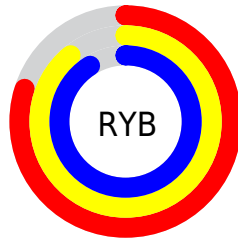
The Hex color **CBE8D0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8CBE3**, and the grayscale version is **DDDDDD**.

A 20% lighter version of the original color is **FFFFFF**, and **95B09A** is the 20% darker color. If you saturate the color by 10%, you get **B4E8BD**, and if you desaturate by 10%, it is **E2E8E3**.

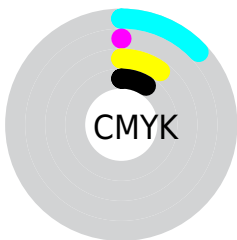
# Distribution



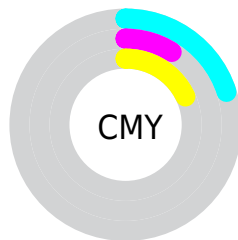
- Red (80%)
- Green (91%)
- Blue (82%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (10%)
- Black (9%)



- Cyan (20%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBE8D0 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 CBE8D0 by changing the saturation by 10% instead.



 CBE8D0

FFFFFF

 CBE8D0

 AFCCB4

 95B09A

 7B9680

 627C67

 4A634F

 334B38

 1D3422

 071F0D

 000000

 CBE8D0

 CBE8D0

 B4E8BD

 E2E8E3

 9DE8AA

 F9E8F6

 85E896


 FFE8FF

 6EE883

 57E870

 40E85D

 29E84A

 11E836

 00E828

# Harmonies

## Analogous

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



DDE4C5



CBE8D0



BDEADF

# Triad

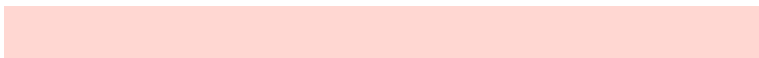
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBE8D0



CFE2FF



FFD7D2

# Complementary

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



CBE8D0



E8CBE3

# 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.



FFD6E2



CBE8D0



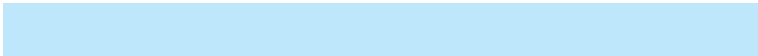
E3DDFC

# Square

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



CBE8D0



BFE7FB



F5D8F1



FBDAC6

# Rectangle

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



CBE8D0



B9EAEA



F5D8F1



FFD6D7



# Sweetspot

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



CBE8D0



F5FFF7



E3E8CB



79807A



000000



808080

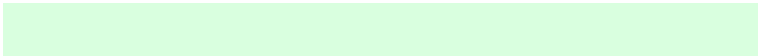


# Same Dimension

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



CBE8D0



D9FFDF



CBE8DE



677369



00B31F



003309



# Inverse Universe

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



E8CBE3



FFD9F8



E8CBD5



736771



B30094

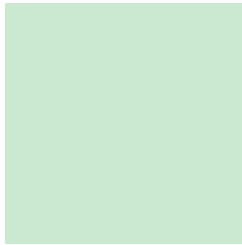


33002A



# Previews

## White Background



This preview shows how the Hex color CBE8D0 looks on a white background.

## Color Contrast Check

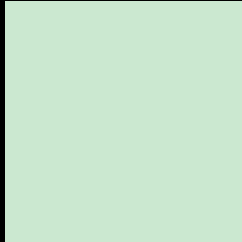
Large Text (above 18pt) WCAG AA × Fail

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 CBE8D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

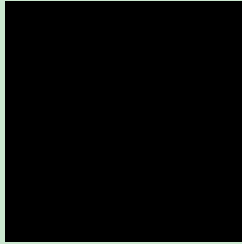
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

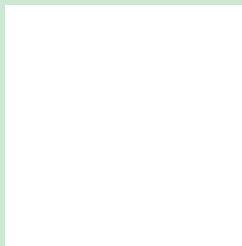
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBE8D0 Background



This preview shows how black text looks on a background with the Hex color CBE8D0.

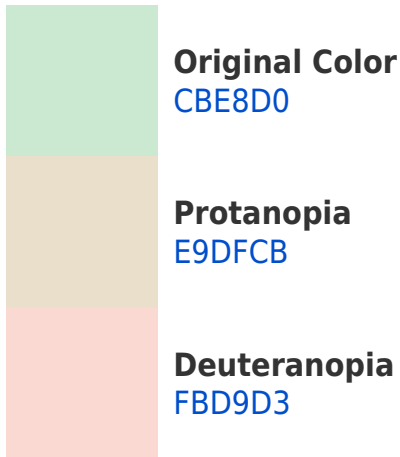


This preview shows how white text looks on a background with the Hex color CBE8D0.

# 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



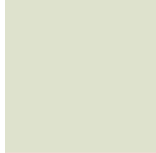


**Tritanopia**  
D1E3F5

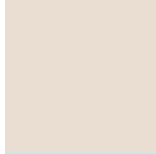
# Trichromacy



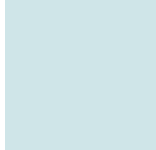
**Original Color**  
CBE8D0



**Protanomaly**  
DEE2CD



**Deuteranomaly**  
EADED2

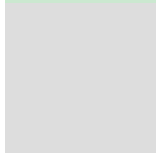


**Tritanomaly**  
CFE5E8

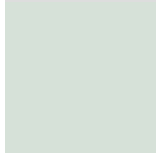
# Monochromacy



**Original Color**  
CBE8D0



**Achromatopsia**  
DDDDDD



**Achromatomaly**  
D6E1D8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBE8D0 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 #CBE8D0 looks like.

```
.text, #text, p{  
    color:#CBE8D0  
}
```

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 #CBE8D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBE8D0
}
```

## Border

The CSS property to change the border of an element to Hex CBE8D0 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
#CBE8D0 }
```

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

```
.border{ border-color:#CBE8D0 }
```

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

Here you see how a box with a 4 pixel #CBE8D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBE8D0; -webkit-box-shadow:4px 4px  
4px 4px #CBE8D0; box-shadow:4px 4px 4px  
4px #CBE8D0 }
```

# Background

The CSS property to change the background color of an element to Hex CBE8D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBE8D0 }
```

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

```
.background{ background-color:#CBE8D0 }
```

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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