

# Converting Colors

Hex(CBEED3)

Have a look what the booklet for  
Hex(CBEED3) contains.

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# **Color**

**Hex(CBEED3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEED3
RGB	203, 238, 211
RGB Percent	80%, 93%, 83%
CMY	0.2039, 0.0667, 0.1725
CMYK	0.15, 0.00, 0.11, 0.07
HSL	134°, 51%, 86%
HSV	134°, 15%, 93%
XYZ	66.9610, 78.5487, 73.2602
YIQ	224.4570, -12.1930, -15.8170

# Conversions

## Conversions Part 2

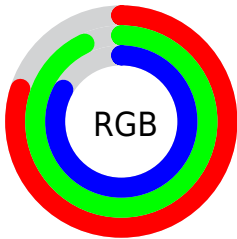
Format	Color
<a href="#">RYB</a>	<a href="#">203, 231, 238</a>
Decimal	<a href="#">13364947</a>
CIELab	<a href="#">91.03, -16.43, 9.28</a>
CIELCh	<a href="#">91, 18.872, 150.544</a>
Yxy	<a href="#">78.5487, 0.3061, 0.3590</a>
Android (android.graphics.Color)	<a href="#">4291555027</a> ( <a href="#">0xFFCBEED3</a> )
YUV	<a href="#">224.4570, -6.6343, -18.8178</a>
Hunter-Lab	<a href="#">88.6277, -20.2362, 13.0299</a>

# Details

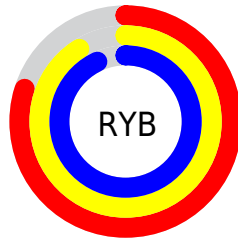
The Hex color **CBEED3** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EECBE6**, and the grayscale version is **E1E1E1**.

A 20% lighter version of the original color is **FFFFFF**, and **95B69C** is the 20% darker color. If you saturate the color by 10%, you get **B3EEC1**, and if you desaturate by 10%, it is **E3EEE5**.

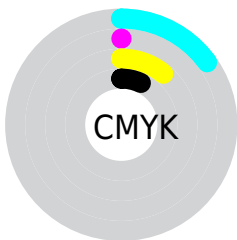
# Distribution



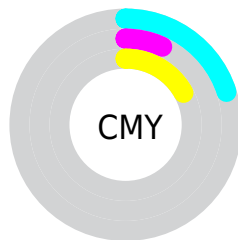
- Red (80%)
- Green (93%)
- Blue (83%)



- Red (80%)
- Yellow (91%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBEED3 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 CBEED3 by changing the saturation by 10% instead.



 CBEED3

FFFFFF

 CBEED3

 AFD2B7

 95B69C

 7B9B82

 618169

 496851

 32503A

 1C3924

 062310

 000700

 CBEEED3

 CBEED3

 B3EEC1

 E3EEE5

 9BEEAE

 FBEEF8

 84EE9C

 FFEEFF

 6CEE8A

 54EE77

 3CEE65

 24EE52

 0DEE40

 00EE36

# Harmonies

## Analogous

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



DFEAC6



CBEED3



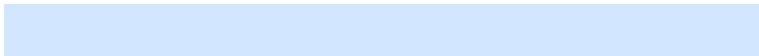
BBF0E5

# Triad

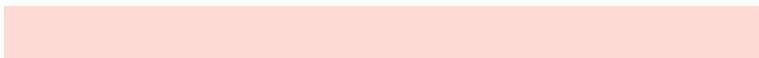
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBEED3



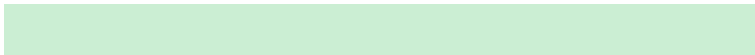
D2E7FF



FFDAD4

# Complementary

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



CBEED3



EECBE6

# 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.



FFD9E6



CBEED3



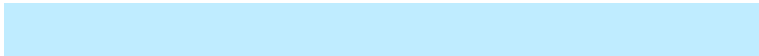
E9E1FF

# Square

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



CB EED3



BF ECFF



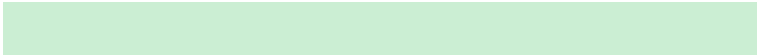
FD DBF7



FF DEC6

# Rectangle

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



CBEED3



B6F0F1



FDDBF7

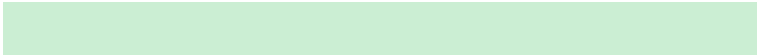


FFD9D9



# Sweetspot

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



CBEED3



F5FFF7



E6EECB



79807B



000000



808080

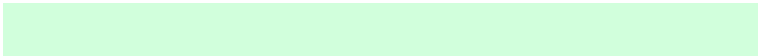


# Same Dimension

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



CBEED3



D1FFDC



CBEEE4



6C786F



00B82A



00380D



# Inverse Universe

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



EECBE6



FFD1F5



EECBD5



786C75



B8008E



38002B



# Previews

## White Background



This preview shows how the Hex color CBEED3 looks on a white background.

## Color Contrast Check

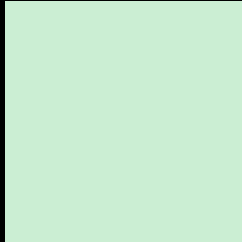
Large Text (above 18pt) WCAG AA × Fail

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 CBEED3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

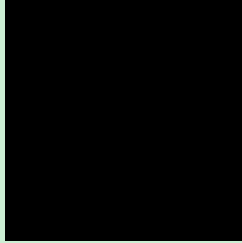
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

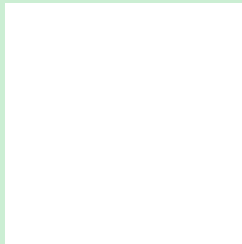
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBEED3 Background



This preview shows how black text looks on a background with the Hex color CBEED3.

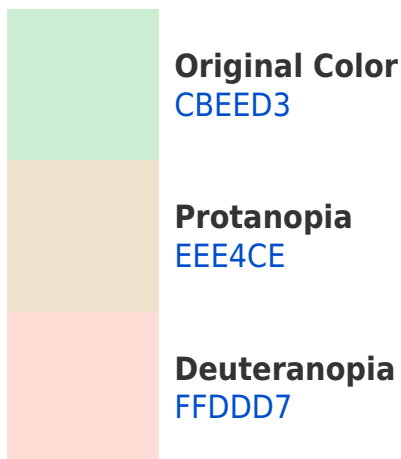


This preview shows how white text looks on a background with the Hex color CBEED3.

# 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



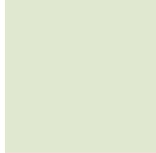


**Tritanopia**  
D2E8FB

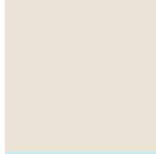
# Trichromacy



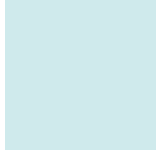
**Original Color**  
CBEED3



**Protanomaly**  
E1E8D0



**Deuteranomaly**  
ECE3D6

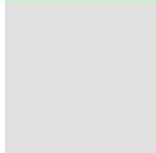


**Tritanomaly**  
CFEAEC

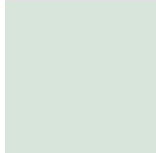
# Monochromacy



**Original Color**  
CBEED3



**Achromatopsia**  
E0E0E0



**Achromatomaly**  
D8E5DB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBEED3 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 #CBEED3 looks like.

```
.text, #text, p{  
    color:#CBEED3  
}
```

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 #CBEED3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEED3
}
```

## Border

The CSS property to change the border of an element to Hex CBEED3 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
#CBEED3 }
```

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

```
.border{ border-color:#CBEED3 }
```

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

Here you see how a box with a 4 pixel #CBEED3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEED3; -webkit-box-shadow:4px 4px  
4px 4px #CBEED3; box-shadow:4px 4px 4px  
4px #CBEED3 }
```

# Background

The CSS property to change the background color of an element to Hex CBEED3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEED3 }
```

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

```
.background{ background-color:#CBEED3 }
```

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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