

# Converting Colors

Hex(CBEEE0)

Have a look what the booklet for  
Hex(CBEEE0) contains.

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# **Color**

**Hex(CBEEE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBEEEE
RGB	203, 238, 224
RGB Percent	80%, 93%, 88%
CMY	0.2039, 0.0667, 0.1216
CMYK	0.15, 0.00, 0.06, 0.07
HSL	156°, 51%, 86%
HSV	156°, 15%, 93%
XYZ	68.6577, 79.2274, 82.1948
YIQ	225.9390, -16.3660, -11.7740

# Conversions

## Conversions Part 2

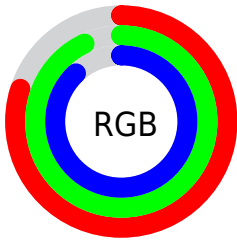
Format	Color
<a href="#">RYB</a>	<a href="#">203, 225, 238</a>
Decimal	<a href="#">13364960</a>
CIELab	<a href="#">91.34, -14.03, 2.96</a>
CIELCh	<a href="#">91, 14.340, 168.097</a>
Yxy	<a href="#">79.2274, 0.2984, 0.3443</a>
Android (android.graphics.Color)	<a href="#">4291555040 (0xFFCBEEE0)</a>
YUV	<a href="#">225.9390, -0.9559, -20.1175</a>
Hunter-Lab	<a href="#">89.0098, -18.0811, 7.5564</a>

# Details

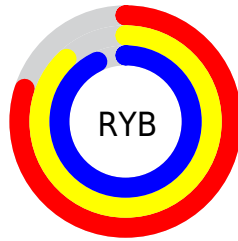
The Hex color **CBEEE0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EECBD9**, and the grayscale version is **E2E2E2**.

A 20% lighter version of the original color is **FFFFFF**, and **95B6A9** is the 20% darker color. If you saturate the color by 10%, you get **B3EED6**, and if you desaturate by 10%, it is **E3EEEA**.

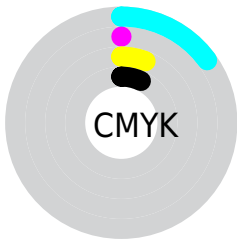
# Distribution



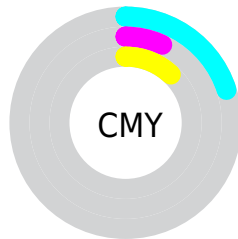
- Red (80%)
- Green (93%)
- Blue (88%)



- Red (80%)
- Yellow (88%)
- Blue (93%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)



- Cyan (20%)
- Magenta (7%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CBEEE0 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 CBEEE0 by changing the saturation by 10% instead.



 CBEEEE0

FFFFFFF

 CBEEEE0

 AFD2C4

 95B6A9

 7A9B8E

 618175

 49685C

 325045

 1B392E

 05231A

 000900

 CBEEEE0

 CBEEEE0

 B3EED6

 E3EEEA

 9BEECD

 FBEEF3

 84EEC3

 FFEEFD

 6CEEBA

 FFEEFF

 54EEB0

 3CEEA7

 24EE9D

 0DEE94

 00EE8F

# Harmonies

## Analogous

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



D9ECD4



CBEEE0



C4EEEE

# Triad

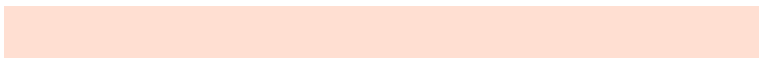
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



CBEEEE0



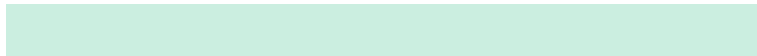
E2E4FF



FFDFD2

# Complementary

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



CBEEEE



EECBD9

# 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.



FFDDDE



CBEEE0



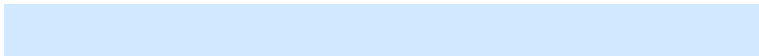
F3E0F9

# Square

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



CBEEE0



D1E9FF



FFDDEC



F7E3CC

# Rectangle

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



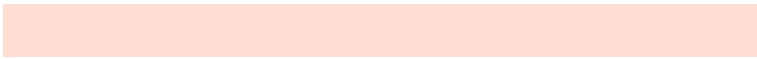
CBEEE0



C4EDF7



FFDDEC



FFDED6



# Sweetspot

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



CBEEEE



F5FFFB



D9EECB



79807D



000000



808080

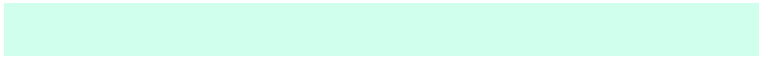


# Same Dimension

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



CBEEEE



D1FFED



CBEAEE



6C7873



00B86E



003822



# Inverse Universe

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



EECBD9



FFD1E3



EECECB



786C71



B80049

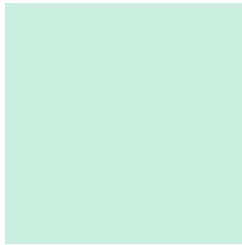


380016



# Previews

## White Background



This preview shows how the Hex color CBEEE0 looks on a white background.

## Color Contrast Check

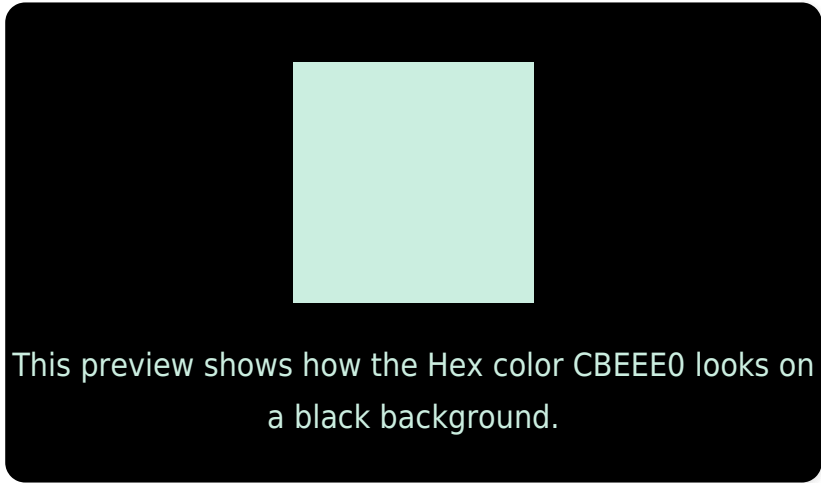
Large Text (above 18pt) WCAG AA × Fail

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

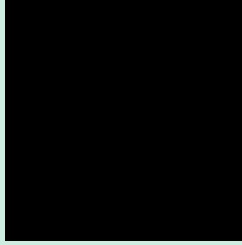
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

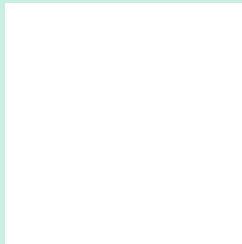
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CBEEE0 Background



This preview shows how black text looks on a background with the Hex color CBEEE0.

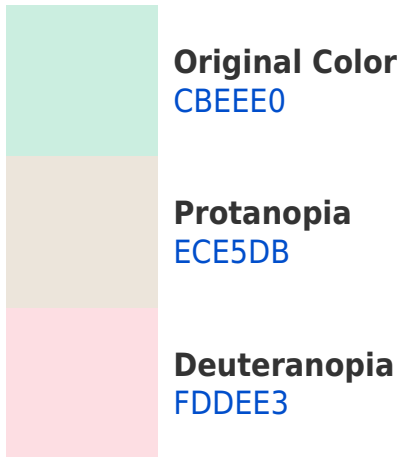


This preview shows how white text looks on a background with the Hex color CBEEE0.

# 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

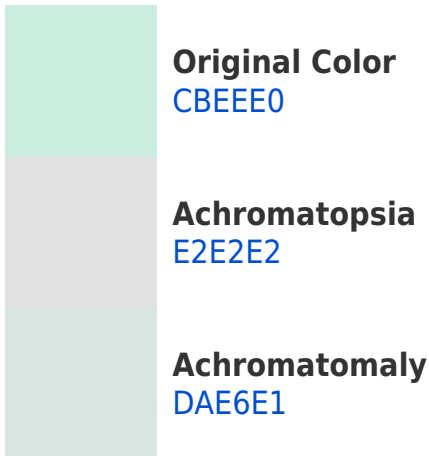




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CBEEE0 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 #CBEEE0 looks like.

```
.text, #text, p{  
    color:#CBEEE0  
}
```

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 #CBEEE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBEEE0  
}
```

## Border

The CSS property to change the border of an element to Hex CBEEE0 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  
#CBEEE0 }
```

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

```
.border{ border-color:#CBEEE0 }
```

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

Here you see how a box with a 4 pixel #CBEEE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBEEE0; -webkit-box-shadow:4px 4px  
4px 4px #CBEEE0; box-shadow:4px 4px 4px  
4px #CBEEE0 }
```

# Background

The CSS property to change the background color of an element to Hex CBEEE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBEEE0 }
```

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

```
.background{ background-color:#CBEEE0 }
```

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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