

# Converting Colors

Hex(BCE8E4)

Have a look what the booklet for  
Hex(BCE8E4) contains.

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# Color

**Hex(BCE8E4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE8E4
RGB	188, 232, 228
RGB Percent	74%, 91%, 89%
CMY	0.2627, 0.0902, 0.1059
CMYK	0.19, 0.00, 0.02, 0.09
HSL	175°, 49%, 82%
HSV	175°, 19%, 91%
XYZ	63.5992, 74.0060, 84.3313
YIQ	218.3880, -24.9400, -10.5720

# Conversions

## Conversions Part 2

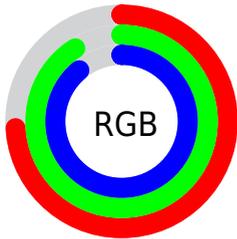
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	188, 211, 232
Decimal	12380388
CIE <sub>Lab</sub>	88.93, -14.94, -2.76
CIE <sub>LCh</sub>	89, 15.190, 190.488
Yxy	74.0060, 0.2866, 0.3335
Android (android.graphics.Color)	4290570468 (0xFFBCE8E4)
YUV	218.3880, 4.7387, -26.6503
Hunter-Lab	86.0268, -18.5825, 2.0972

# Details

The Hex color **BCE8E4** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8BCC0**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F5FFFF**, and **86B0AD** is the 20% darker color. If you saturate the color by 10%, you get **A5E8E2**, and if you desaturate by 10%, it is **D3E8E6**.

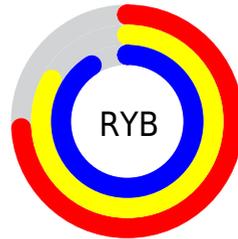
# Distribution



Red (74%)

Green (91%)

Blue (89%)



Red (74%)

Yellow (83%)

Blue (91%)

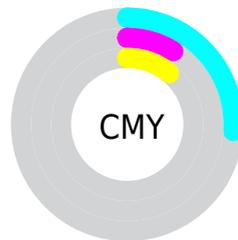


Cyan (19%)

Magenta (0%)

Yellow (2%)

Black (9%)



Cyan (26%)

Magenta (9%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE8E4 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 BCE8E4 by changing the saturation by 10% instead.

 BCE8E4

 BCE8E4

FFFFFF

 A1CCC8

 F5FFFF

 86B0AD

 6C9692

 537C78

 3A6360

 224B48

 083432

 001F1D

 000002

 BCE8E4

 BCE8E4

 A5E8E2

 D3E8E6

 8EE8E0

 EAE8E8

 76E8DE

 FFE8EA

 5FE8DC

 FFE8EC

 48E8D9

 FFE8EF

 31E8D7

 FFE8F1

 1AE8D5

 FFE8F3

 02E8D3

 FFE8F5

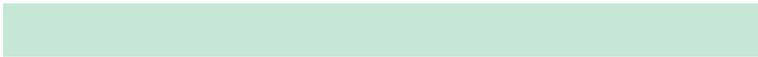
 00E8D3

 FFE8F7

# Harmonies

## Analogous

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



C6E7D5



BCE8E4



BCE7F2

# Triad

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



BCE8E4



E8DAF5



F4DBC4

# Complementary

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



BCE8E4



E8BCC0

# 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.



FDD7CD



BCE8E4



F7D7E9

# Square

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



BCE8E4



D6DFFC



FED5DB



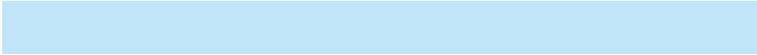
E6E0C3

# Rectangle

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



BCE8E4



C1E5F8



FED5DB



F8DAC7

# Sweetspot

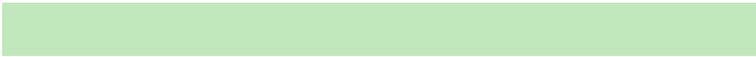
The Sweet Spot groups the original color and five complimentary colors.



BCE8E4



F0FFFE



C0E8BC



77807F



000000



808080



# Same Dimension

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



BCE8E4



C4FFFA



BCD6E8



677372



00B3A2



00332E



# Inverse Universe

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



E8BCC0



FFC4CA



E8CEBC



736768



B30010

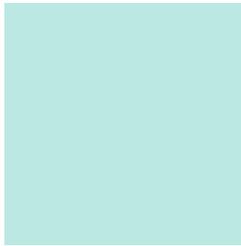


330005



# Previews

## White Background



This preview shows how the Hex color BCE8E4 looks on a white background.

## Color Contrast Check

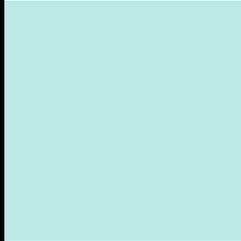
Large Text (above 18pt) WCAG AA × Fail

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 BCE8E4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

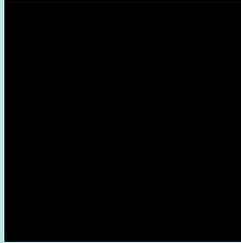
Any Text WCAG AA ✓ Pass

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 BCE8E4 Background



This preview shows how black text looks on a background with the Hex color BCE8E4.



This preview shows how white text looks on a background with the Hex color BCE8E4.

# 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



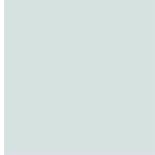


**Tritanopia**  
C0E5F7

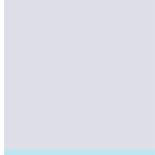
# Trichromacy



**Original Color**  
BCE8E4



**Protanomaly**  
D5E2E0



**Deuteranomaly**  
DDDEE6



**Tritanomaly**  
BFE6F0

# Monochromacy



**Original Color**  
BCE8E4



**Achromatopsia**  
DADADA



**Achromatomaly**  
CFDFDE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE8E4 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 #BCE8E4 looks like.

```
.text, #text, p{  
    color:#BCE8E4  
}
```

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 #BCE8E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE8E4
}
```

## Border

The CSS property to change the border of an element to Hex BCE8E4 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
#BCE8E4 }
```

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

```
.border{ border-color:#BCE8E4 }
```

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

Here you see how a box with a 4 pixel #BCE8E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE8E4; -webkit-box-shadow:4px 4px  
4px 4px #BCE8E4; box-shadow:4px 4px 4px  
4px #BCE8E4 }
```

# Background

The CSS property to change the background color of an element to Hex BCE8E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE8E4 }
```

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

```
.background{ background-color:#BCE8E4 }
```

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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