

# Converting Colors

Hex(BCE9E2)

Have a look what the booklet for  
Hex(BCE9E2) contains.

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# **Color**

**Hex(BCE9E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCE9E2
RGB	188, 233, 226
RGB Percent	74%, 91%, 89%
CMY	0.2627, 0.0863, 0.1137
CMYK	0.19, 0.00, 0.03, 0.09
HSL	171°, 51%, 83%
HSV	171°, 19%, 91%
XYZ	63.6054, 74.4602, 82.9714
YIQ	218.7470, -24.5730, -11.7170

# Conversions

## Conversions Part 2

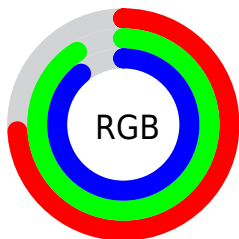
<b>Format</b>	<b>Color</b>
<b>RYB</b>	188, 212, 233
Decimal	12380642
CIELab	89.14, -15.84, -1.40
CIELCh	89, 15.907, 185.060
Yxy	74.4602, 0.2878, 0.3369
Android (android.graphics.Color)	4290570722 (0xFFBCE9E2)
YUV	218.7470, 3.5757, -26.9651
Hunter-Lab	86.2903, -19.4340, 3.3936

# Details

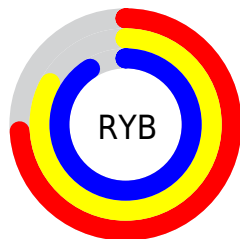
The Hex color **BCE9E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E9BCC3**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **F5FFFF**, and **86B1AB** is the 20% darker color. If you saturate the color by 10%, you get **A5E9DE**, and if you desaturate by 10%, it is **D3E9E6**.

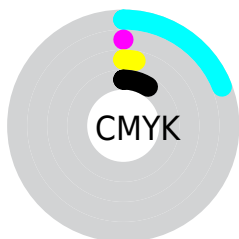
# Distribution



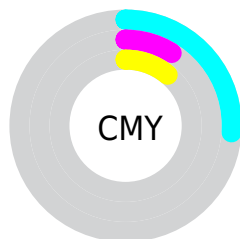
- Red (74%)
- Green (91%)
- Blue (89%)



- Red (74%)
- Yellow (83%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCE9E2 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 BCE9E2 by changing the saturation by 10% instead.



 BCE9E2

FFFFFF

 F5FFFF

 BCE9E2

 A1CDC6

 86B1AB

 6C9690

 537D77

 3A645E

 224B46

 083530

 001F1B

 000000

 BCE9E2

 BCE9E2

 A5E9DE

 D3E9E6

 8DE9DB

 EBE9E9

 76E9D7

 FFE9ED

 5FE9D4

 FFE9F0

 48E9D0

 FFE9F4

 30E9CC

 FFE9F8

 19E9C9

 FFE9FB

 02E9C5

 FFE9FF

 00E9C5

# Harmonies

## Analogous

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



C8E8D3



BCE9E2



BAE8F1

# Triad

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



BCE9E2



E6DBF9



F8DBC5

# Complementary

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



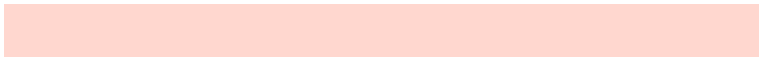
BCE9E2



E9BCC3

# 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.



FFD7CF



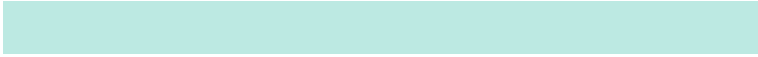
BCE9E2



F6D7ED

# Square

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



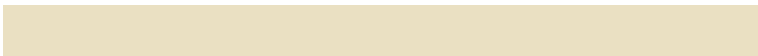
BCE9E2



D3E0FE



FFD6DE



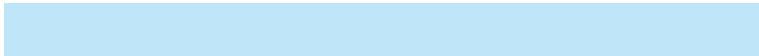
EAE0C2

# Rectangle

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



BCE9E2



BEE6F8



FFD6DE



FBD9C8



# Sweetspot

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



BCE9E2



F0FFFD



C3E9BC



77807E



000000



808080

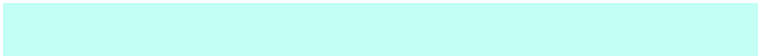


# Same Dimension

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



BCE9E2



C4FFF6



BCDAE9



6A7573



00B599



00362D



# Inverse Universe

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



E9BCC3



FFC4CD



E9CBBC



756A6B



B5001C

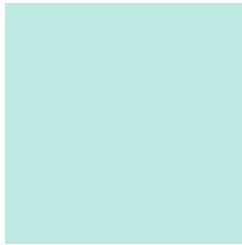


360008



# Previews

## White Background



This preview shows how the Hex color BCE9E2 looks on a white background.

## Color Contrast Check

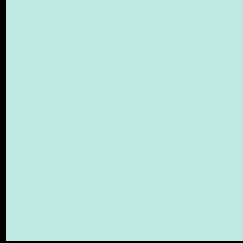
Large Text (above 18pt) WCAG AA × Fail

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 BCE9E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

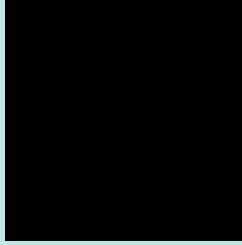
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

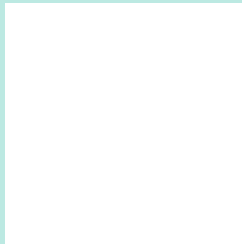
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BCE9E2 Background



This preview shows how black text looks on a background with the Hex color BCE9E2.



This preview shows how white text looks on a background with the Hex color BCE9E2.

# 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



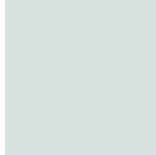


**Tritanopia**  
C0E6F8

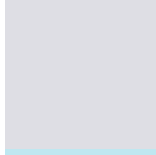
# Trichromacy



**Original Color**  
BCE9E2



**Protanomaly**  
D5E2DE



**Deuteranomaly**  
DEDEE4

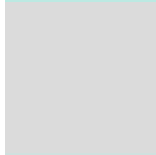


**Tritanomaly**  
BFE7F0

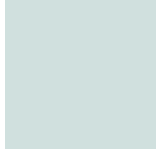
# Monochromacy



**Original Color**  
BCE9E2



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D0E0DE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCE9E2 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 #BCE9E2 looks like.

```
.text, #text, p{  
    color:#BCE9E2  
}
```

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 #BCE9E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCE9E2
}
```

## Border

The CSS property to change the border of an element to Hex BCE9E2 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
#BCE9E2 }
```

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

```
.border{ border-color:#BCE9E2 }
```

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

Here you see how a box with a 4 pixel #BCE9E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCE9E2; -webkit-box-shadow:4px 4px  
4px 4px #BCE9E2; box-shadow:4px 4px 4px  
4px #BCE9E2 }
```

# Background

The CSS property to change the background color of an element to Hex BCE9E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCE9E2 }
```

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

```
.background{ background-color:#BCE9E2 }
```

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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