

# Converting Colors

Hex(B3EBCB)

Have a look what the booklet for  
Hex(B3EBCB) contains.

<b>Hex(B3EBCB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(B3EBCB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3EBCB
RGB	179, 235, 203
RGB Percent	70%, 92%, 80%
CMY	0.2980, 0.0784, 0.2039
CMYK	0.24, 0.00, 0.14, 0.08
HSL	146°, 58%, 81%
HSV	146°, 24%, 92%
XYZ	59.0782, 73.3122, 67.5368
YIQ	214.6080, -23.1040, -21.8240

# Conversions

## Conversions Part 2

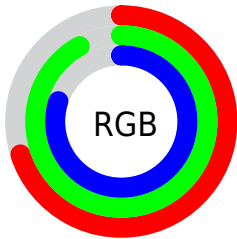
Format	Color
<a href="#">RYB</a>	<a href="#">179, 218, 235</a>
Decimal	<a href="#">11791307</a>
CIELab	<a href="#">88.60, -24.14, 9.77</a>
CIELCh	<a href="#">89, 26.040, 157.956</a>
Yxy	<a href="#">73.3122, 0.2955, 0.3667</a>
Android (android.graphics.Color)	<a href="#">4289981387</a> ( <a href="#">0xFFB3EBCB</a> )
YUV	<a href="#">214.6080, -5.7227, -31.2282</a>
Hunter-Lab	<a href="#">85.6225, -26.6772, 13.1694</a>

# Details

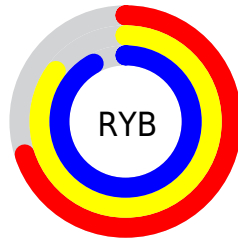
The Hex color **B3EBCB** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBB3D3**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **ECFFFF**, and **7DB395** is the 20% darker color. If you saturate the color by 10%, you get **9BEBBE**, and if you desaturate by 10%, it is **CBEBD8**.

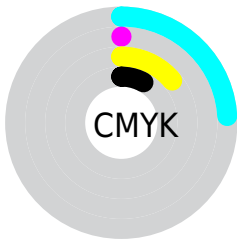
# Distribution



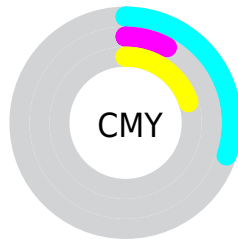
- Red (70%)
- Green (92%)
- Blue (80%)



- Red (70%)
- Yellow (85%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B3EBCB 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 B3EBCB by changing the saturation by 10% instead.



 B3EBCB

 B3EBCB

FFFFFF


 98CFB0

 ECFFFF

 7DB395

 63987B

 4A7E62

 31654A

 184D34

 00351E

 002106

 000000

 B3EBCB

 B3EBCB

 9BEBBE

 CBEBD8

 84EBB0

 E2EBE6

 6CEBA3

 F9EBF3

 55EB95

 FFEBFF

 3DEB88

 26EB7A

 0EEB6D

 00EB65

# Harmonies

## Analogous

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



CFE6B7



B3EBCB



9EEDE4

# Triad

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



B3EBCB



CADEFF



FFD0C1

# Complementary

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



B3EBCB



EBB3D3

# 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.



FFCDD9



B3EBCB



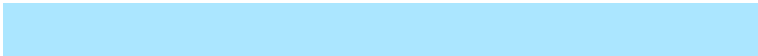
EBD6FF

# Square

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



B3EBCB



ABE6FF



FFCFF2



FFD7B1

# Rectangle

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



B3EBCB



99ECF5



FFCFF2



FFCEC8



# Sweetspot

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



B3EBCB



EDFFF5



D4EBB3



75807A



000000



808080

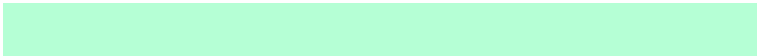


# Same Dimension

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



B3EBCB



B5FFD5



B3EBE6



6A756F



00B54E



003617



# Inverse Universe

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



EBB3D3



FFB5DF



EBB3B8



756A70



B50067

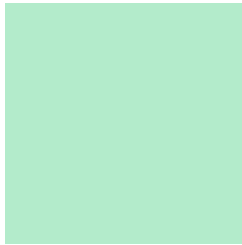


36001F



# Previews

## White Background



This preview shows how the Hex color B3EBCB looks on a white background.

## Color Contrast Check

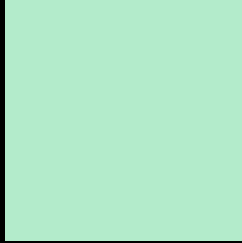
Large Text (above 18pt) WCAG AA × Fail

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 B3EBCB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

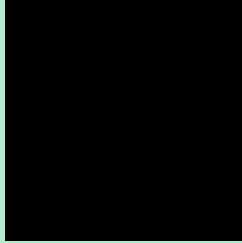
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

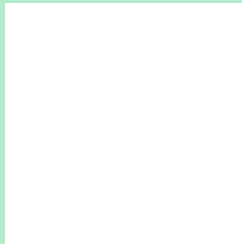
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B3EBCB Background



This preview shows how black text looks on a background with the Hex color B3EBCB.

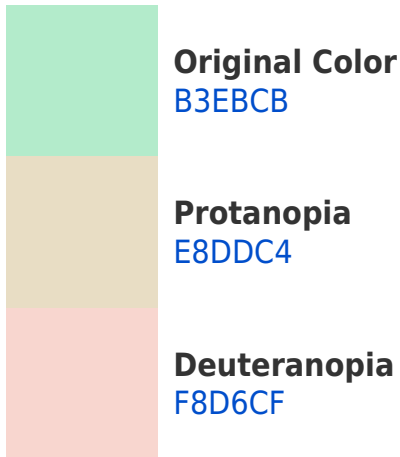


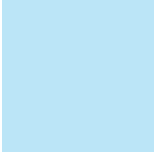
This preview shows how white text looks on a background with the Hex color B3EBCB.

# 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



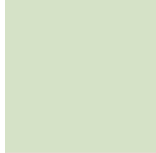


**Tritanopia**  
BBE5F7

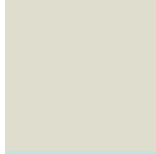
# Trichromacy



**Original Color**  
B3EBCB



**Protanomaly**  
D5E2C7

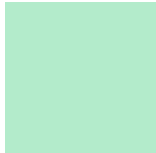


**Deuteranomaly**  
DFDECE

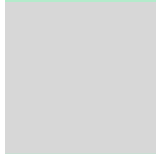


**Tritanomaly**  
B8E7E7

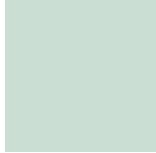
# Monochromacy



**Original Color**  
B3EBCB



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
CADED3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B3EBCB 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 #B3EBCB looks like.

```
.text, #text, p{  
    color:#B3EBCB  
}
```

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 #B3EBCB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3EBCB
}
```

## Border

The CSS property to change the border of an element to Hex B3EBCB 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
#B3EBCB }
```

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

```
.border{ border-color:#B3EBCB }
```

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

Here you see how a box with a 4 pixel #B3EBCB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3EBCB; -webkit-box-shadow:4px 4px  
4px 4px #B3EBCB; box-shadow:4px 4px 4px  
4px #B3EBCB }
```

# Background

The CSS property to change the background color of an element to Hex B3EBCB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3EBCB }
```

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

```
.background{ background-color:#B3EBCB }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor