

# Converting Colors

Hex(B7E8CA)

Have a look what the booklet for  
Hex(B7E8CA) contains.

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# **Color**

**Hex(B7E8CA)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | B7E8CA                       |
| RGB         | 183, 232, 202                |
| RGB Percent | 72%, 91%, 79%                |
| CMY         | 0.2824, 0.0902, 0.2078       |
| CMYK        | 0.21, 0.00, 0.13, 0.09       |
| HSL         | 143°, 52%, 81%               |
| HSV         | 143°, 21%, 91%               |
| XYZ         | 59.0457, 72.0448, 66.6711    |
| YIQ         | 213.9290, -19.5740, -19.7180 |

# Conversions

## Conversions Part 2

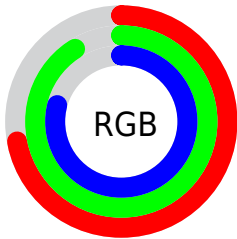
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">183, 218, 232</a>               |
| Decimal                             | <a href="#">12052682</a>                    |
| CIELab                              | <a href="#">87.99, -21.60, 9.46</a>         |
| CIElCh                              | <a href="#">88, 23.582, 156.349</a>         |
| Yxy                                 | <a href="#">72.0448, 0.2986, 0.3643</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4290242762<br/>(0xFFB7E8CA)</a> |
| YUV                                 | <a href="#">213.9290, -5.8810, -27.1247</a> |
| Hunter-Lab                          | <a href="#">84.8792, -24.3661, 12.8442</a>  |

# Details

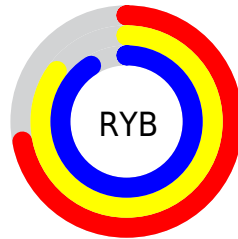
The Hex color **B7E8CA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E8B7D5**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F0FFFF**, and **81B094** is the 20% darker color. If you saturate the color by 10%, you get **A0E8BC**, and if you desaturate by 10%, it is **CEE8D8**.

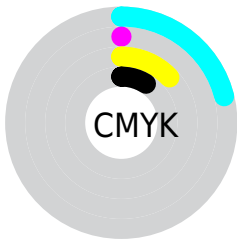
# Distribution



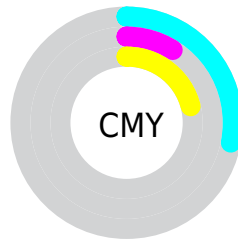
- Red (72%)
- Green (91%)
- Blue (79%)



- Red (72%)
- Yellow (85%)
- Blue (91%)



- Cyan (21%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (28%)
- Magenta (9%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B7E8CA 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 B7E8CA by changing the saturation by 10% instead.



 B7E8CA

 B7E8CA

FFFFFF

 9CCCAF

 F0FFFF

 81B094

 67957A

 4E7B61

 36624A

 1E4A33

 04331E

 001F05

 000000

 B7E8CA

 B7E8CA

 A0E8BC

 CEE8D8

 89E8AE

 E5E8E6

 71E89F

 FDE8F5

 5AE891

 FFE8FF

 43E883

 2CE875

 15E867

 00E85A

# Harmonies

## Analogous

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



D0E3B8



B7E8CA



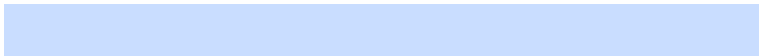
A4EAE1

# Triad

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



B7E8CA



C9DDFF



FFCFC3

# Complementary

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



B7E8CA



E8B7D5

# 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



B7E8CA



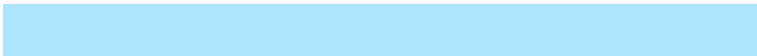
E7D5FF

# Square

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



B7E8CA



AEE4FF



FECFEF



FED5B4

# Rectangle

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



B7E8CA



9FE9F0



FECFEF



FFCECA



# Sweetspot

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



B7E8CA



F0FFF6



D5E8B7



77807A



000000



808080

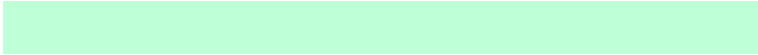


# Same Dimension

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



B7E8CA



BFFFD8



B7E8E2



67736C



00B345



003314



# Inverse Universe

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



E8B7D5



FFBFE6



E8B7BD



73676E



B3006D

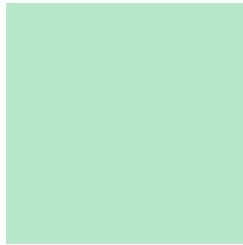


33001F



# Previews

## White Background



This preview shows how the Hex color B7E8CA looks on a white background.

## Color Contrast Check

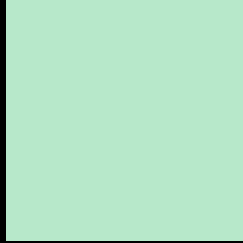
Large Text (above 18pt) WCAG AA × Fail

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 B7E8CA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

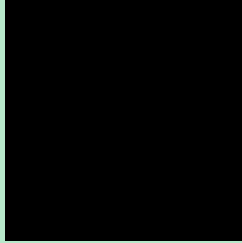
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

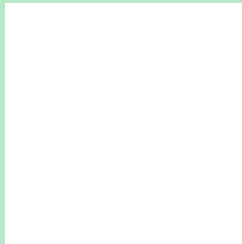
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B7E8CA Background



This preview shows how black text looks on a background with the Hex color B7E8CA.

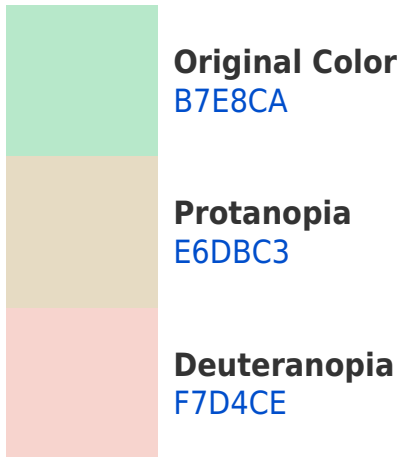


This preview shows how white text looks on a background with the Hex color B7E8CA.

# 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



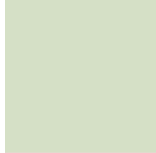


**Tritanopia**  
BFE2F4

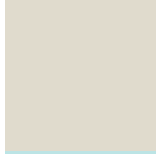
# Trichromacy



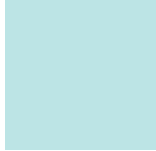
**Original Color**  
B7E8CA



**Protanomaly**  
D5E0C6

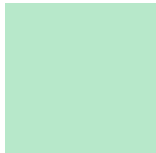


**Deuteranomaly**  
E0DBCD

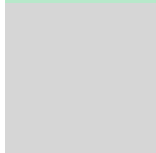


**Tritanomaly**  
BCE4E5

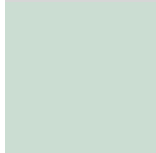
# Monochromacy



**Original Color**  
B7E8CA



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CBDDD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B7E8CA 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 #B7E8CA looks like.

```
.text, #text, p{  
    color:#B7E8CA  
}
```

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 #B7E8CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E8CA
}
```

## Border

The CSS property to change the border of an element to Hex B7E8CA 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
#B7E8CA }
```

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

```
.border{ border-color:#B7E8CA }
```

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

Here you see how a box with a 4 pixel #B7E8CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E8CA; -webkit-box-shadow:4px 4px  
4px 4px #B7E8CA; box-shadow:4px 4px 4px  
4px #B7E8CA }
```

# Background

The CSS property to change the background color of an element to Hex B7E8CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E8CA }
```

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

```
.background{ background-color:#B7E8CA }
```

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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