

Converting Colors

Hex(B7EBB8)

Have a look what the booklet for
Hex(B7EBB8) contains.

Hex(B7EBB8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B7EBB8)

Conversions

Conversions Part 1

Format	Color
Hex	B7EBB8
RGB	183, 235, 184
RGB Percent	72%, 92%, 72%
CMY	0.2824, 0.0784, 0.2784
CMYK	0.22, 0.00, 0.22, 0.08
HSL	121°, 57%, 82%
HSV	121°, 22%, 92%
XYZ	57.8885, 72.9446, 56.3761
YIQ	213.6380, -14.6210, -26.8850

Conversions

Conversions Part 2

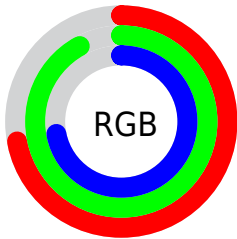
Format	Color
R _{YB}	183, 234, 235
Decimal	12053432
CIE _{Lab}	88.42, -26.27, 19.44
CIE _{LCh}	88, 32.676, 143.496
Y _{xy}	72.9446, 0.3092, 0.3896
Android (android.graphics.Color)	4290243512 (0xFFB7EBB8)
YUV	213.6380, -14.6115, -26.8695
Hunter-Lab	85.4076, -28.4777, 20.6491

Details

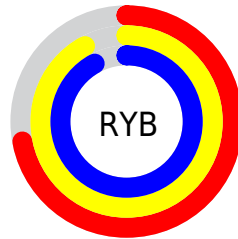
The Hex color **B7EBB8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBB7EA**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F0FFF0**, and **81B383** is the 20% darker color. If you saturate the color by 10%, you get **A0EBA1**, and if you desaturate by 10%, it is **CEEBCF**.

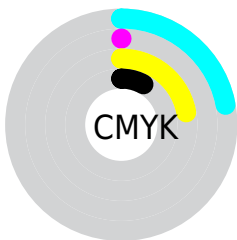
Distribution



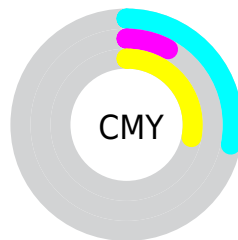
- Red (72%)
- Green (92%)
- Blue (72%)



- Red (72%)
- Yellow (92%)
- Blue (92%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (8%)



- Cyan (28%)
- Magenta (8%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7EBB8 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 B7EBB8 by changing the saturation by 10% instead.

 B7EBB8

FFFFFF

 F0FFF0

 B7EBB8

 9CCF9D

 81B383

 679869

 4E7E51

 35653A

 1D4C24

 01350E

 002100

 000000

 B7EBB8

 B7EBB8

 A0EBA1

 CEEBCF

 88EB8A

 E6EBE6

 70EB73

 FDEBFD

 59EB5C

 FFEBFF

 42EB45

 2AEB2E

 13EB17

 00EB05

Harmonies

Analogous

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



DBE4A4



B7EBB8



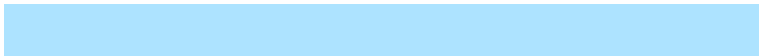
95EFD6

Triad

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



B7EBB8



ADE3FF



FFC8C7

Complementary

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



B7EBB8



EBB7EA

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.



FFC8E6



B7EBB8



DAD8FF

Square

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



B7EBB8



89EBFF



FFCEFF



FFCFAD

Rectangle

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



B7EBB8



85EFEB



FFCEFF



FFC7D1

Sweetspot

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



B7EBB8



EDFFED



EAEBB7



758075



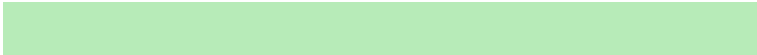
000000



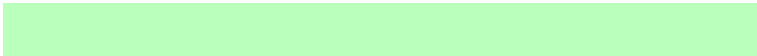
808080

Same Dimension

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



B7EBB8



BAFFBB



B7EBD2



6A756A



00B503



003601

Inverse Universe

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



EBB7EA



FFBAFE



EBB7D0



756A75



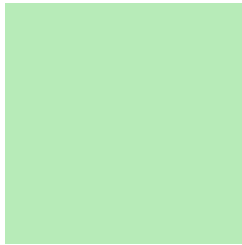
B500B2



360035

Previews

White Background



This preview shows how the Hex color B7EBB8 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 B7EBB8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

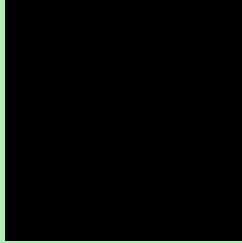
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

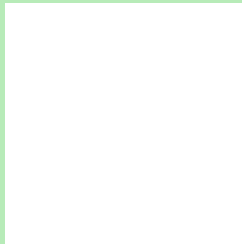
Any Text WCAG AAA ✓ Pass

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

Hex B7EBB8 Background



This preview shows how black text looks on a background with the Hex color B7EBB8.

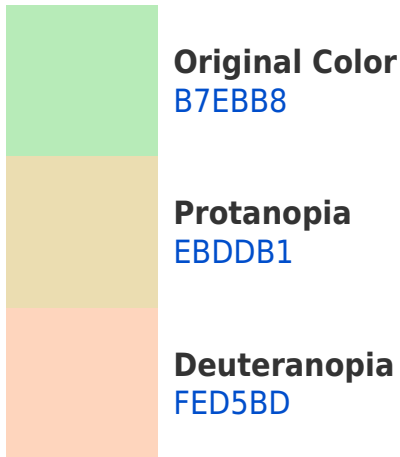


This preview shows how white text looks on a background with the Hex color B7EBB8.

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



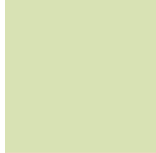


Tritanopia
C2E3F5

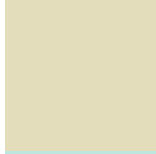
Trichromacy



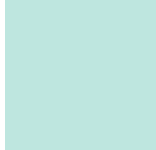
Original Color
B7EBB8



Protanomaly
D8E2B4



Deuteranomaly
E4DDBB

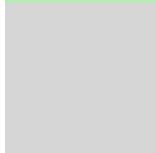


Tritanomaly
BEE6DF

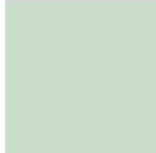
Monochromacy



Original Color
B7EBB8



Achromatopsia
D6D6D6



Achromatomaly
CBDECB

CSS Examples

Text

The CSS property to change the color of the text to Hex B7EBB8 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 #B7EBB8 looks like.

```
.text, #text, p{  
    color:#B7EBB8  
}
```

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 #B7EBB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7EBB8  
}
```

Border

The CSS property to change the border of an element to Hex B7EBB8 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  
#B7EBB8 }
```

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

```
.border{ border-color:#B7EBB8 }
```

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

Here you see how a box with a 4 pixel #B7EBB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7EBB8; -webkit-box-shadow:4px 4px  
4px 4px #B7EBB8; box-shadow:4px 4px 4px  
4px #B7EBB8 }
```

Background

The CSS property to change the background color of an element to Hex B7EBB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7EBB8 }
```

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

```
.background{ background-color:#B7EBB8 }
```

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