

Converting Colors

Hex(B7E0B8)

Have a look what the booklet for
Hex(B7E0B8) contains.

Hex(B7E0B8)	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(B7E0B8)

Conversions

Conversions Part 1

Format	Color
Hex	B7E0B8
RGB	183, 224, 184
RGB Percent	72%, 88%, 72%
CMY	0.2824, 0.1216, 0.2784
CMYK	0.18, 0.00, 0.18, 0.12
HSL	121°, 40%, 80%
HSV	121°, 18%, 88%
XYZ	54.8358, 66.8393, 55.3585
YIQ	207.1810, -11.5960, -21.1320

Conversions

Conversions Part 2

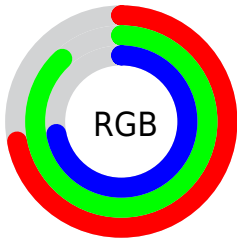
Format	Color
RYB	183, 223, 224
Decimal	12050616
CIELab	85.42, -20.93, 15.24
CIELCh	85, 25.887, 143.934
Yxy	66.8393, 0.3097, 0.3776
Android (android.graphics.Color)	4290240696 (0xFFB7E0B8)
YUV	207.1810, -11.4282, -21.2067
Hunter-Lab	81.7553, -23.3463, 17.0820

Details

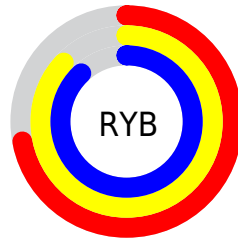
The Hex color **B7E0B8** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0B7DF**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFFFF0**, and **81A983** is the 20% darker color. If you saturate the color by 10%, you get **A1E0A2**, and if you desaturate by 10%, it is **CDE0CE**.

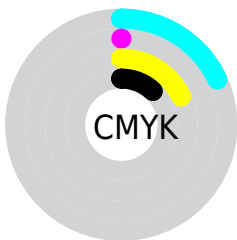
Distribution



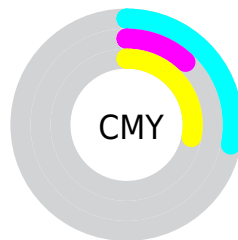
- Red (72%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (18%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7E0B8 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 B7E0B8 by changing the saturation by 10% instead.

 B7E0B8

 B7E0B8

FFFFFF

 9CC49D

 EFFFF0

 81A983

 688E6A

 4F7451

 375C3A

 204424

 082D0F

 001B00

 000000

 B7E0B8

 B7E0B8

 A1E0A2

 CDE0CE

 8AE08C

 E4E0E4

 74E076

 FAE0FA

 5DE061

 FFE0FF

 47E04B

 31E035

 1AE01F

 04E009

 00E005

Harmonies

Analogous

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



D3DAA8



B7E0B8



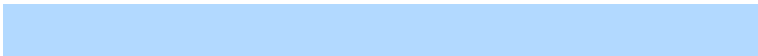
9EE3CF

Triad

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



B7E0B8



B2D9FF



FFC5C3

Complementary

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



B7E0B8



E0B7DF

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.



FFC4DB



B7E0B8



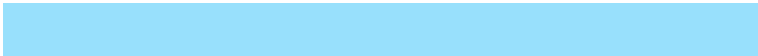
D3D1FF

Square

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



B7E0B8



98E0FC



F0C9F3



FFCAAF

Rectangle

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



B7E0B8



93E3E0



F0C9F3



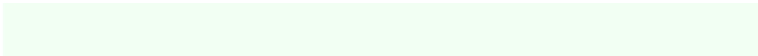
FFC4CB

Sweetspot

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



B7E0B8



F2FFF3



DFE0B7



788078



000000



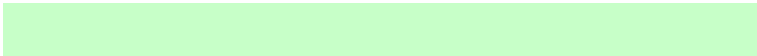
808080

Same Dimension

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



B7E0B8



C7FFC8



B7E0CC



657065



00B004



003001

Inverse Universe

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



E0B7DF



FFC7FE



E0B7CB



706570



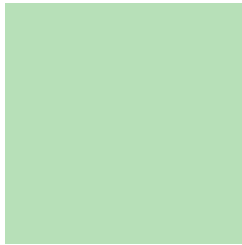
B000AC



30002F

Previews

White Background



This preview shows how the Hex color B7E0B8 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 B7E0B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

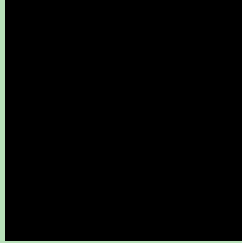
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

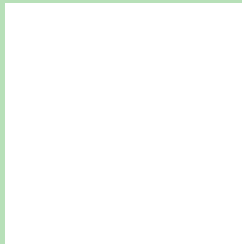
Any Text WCAG AAA ✓ Pass

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

Hex B7E0B8 Background



This preview shows how black text looks on a background with the Hex color B7E0B8.

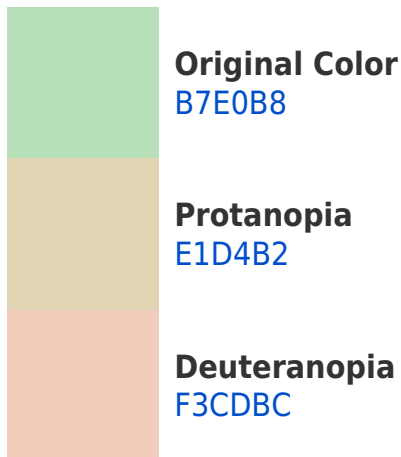


This preview shows how white text looks on a background with the Hex color B7E0B8.

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



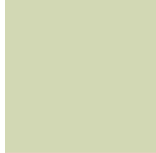


Tritanopia
C0D9EA

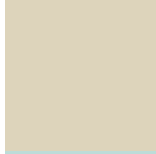
Trichromacy



Original Color
B7E0B8



Protanomaly
D2D8B4



Deuteranomaly
DDD4BB

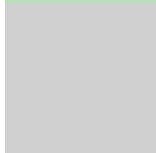


Tritanomaly
BDDCD8

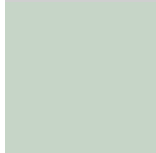
Monochromacy



Original Color
B7E0B8



Achromatopsia
CFCFCF



Achromatomaly
C6D5C7

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E0B8 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 #B7E0B8 looks like.

```
.text, #text, p{  
    color:#B7E0B8  
}
```

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 #B7E0B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E0B8  
}
```

Border

The CSS property to change the border of an element to Hex B7E0B8 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  
#B7E0B8 }
```

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

```
.border{ border-color:#B7E0B8 }
```

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

Here you see how a box with a 4 pixel #B7E0B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E0B8; -webkit-box-shadow:4px 4px  
4px 4px #B7E0B8; box-shadow:4px 4px 4px  
4px #B7E0B8 }
```

Background

The CSS property to change the background color of an element to Hex B7E0B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E0B8 }
```

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

```
.background{ background-color:#B7E0B8 }
```

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