

Converting Colors

Hex(B7EDE3)

Have a look what the booklet for
Hex(B7EDE3) contains.

Hex(B7EDE3)	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(B7EDE3)

Conversions

Conversions Part 1

Format	Color
Hex	B7EDE3
RGB	183, 237, 227
RGB Percent	72%, 93%, 89%
CMY	0.2824, 0.0706, 0.1098
CMYK	0.23, 0.00, 0.04, 0.07
HSL	169°, 60%, 82%
HSV	169°, 23%, 93%
XYZ	63.6778, 76.1817, 84.0214
YIQ	219.7140, -28.9740, -14.5580

Conversions

Conversions Part 2

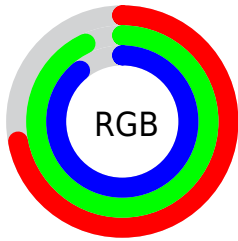
Format	Color
R _Y B	183, 213, 237
Decimal	12053987
CIE Lab	89.94, -19.15, -0.78
CIE LCh	90, 19.161, 182.345
Yxy	76.1817, 0.2844, 0.3403
Android (android.graphics.Color)	4290244067 (0xFFB7EDE3)
YUV	219.7140, 3.5920, -32.1982
Hunter-Lab	87.2821, -22.5169, 4.0225

Details

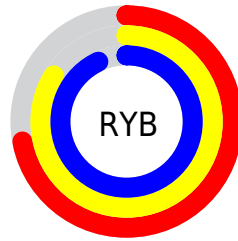
The Hex color **B7EDE3** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EDB7C1**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F0FFFF**, and **81B5AC** is the 20% darker color. If you saturate the color by 10%, you get **9FEDDF**, and if you desaturate by 10%, it is **CFEDE7**.

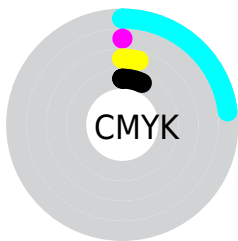
Distribution



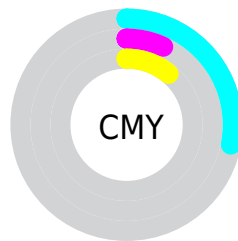
- Red (72%)
- Green (93%)
- Blue (89%)



- Red (72%)
- Yellow (84%)
- Blue (93%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)



- Cyan (28%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B7EDE3 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 B7EDE3 by changing the saturation by 10% instead.

 B7EDE3

FFFFFF

 F0FFFF

 B7EDE3

 9CD1C7

 81B5AC

 679A91

 4D8078

 34675F

 1B4F47

 003731

 00221C

 000002

 B7EDE3

 B7EDE3

 9FEDDF

 CFEDE7

 88EDDA

 E6EDEC

 70EDD6

 FEEDF0

 58EDD1

 FFEDF5

 41EDCD

 FFEDF9

 29EDC9

 FFEDFD

 11EDC4

 FFEDFF

 00EDC1

Harmonies

Analogous

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



C6EBD1



B7EDE3



B2ECF5

Triad

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



B7EDE3



E8DDFF



FFDBC2

Complementary

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



B7EDE3



EDB7C1

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



B7EDE3



FCD8F4

Square

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



B7EDE3



D0E3FF



FFD6E1



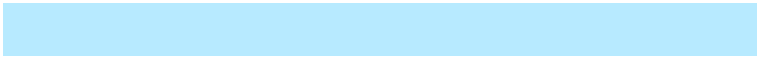
EFE1BE

Rectangle

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



B7EDE3



B7EAFF



FFD6E1



FFDAC6

Sweetspot

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



B7EDE3



EDFFFC



C2EDB7



75807E



000000



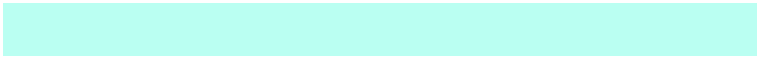
808080

Same Dimension

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



B7EDE3



BAFFF2



B7DDED



6A7573



00B594



00362C

Inverse Universe

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



EDB7C1



FFBAC7



EDC7B7



756A6C



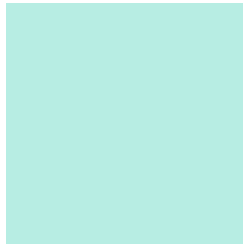
B50022



36000A

Previews

White Background



This preview shows how the Hex color B7EDE3 looks on a white background.

Color Contrast Check

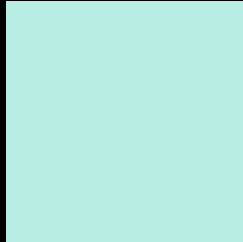
Large Text (above 18pt) WCAG AA × Fail

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 B7EDE3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

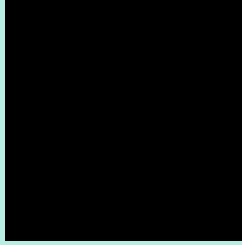
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

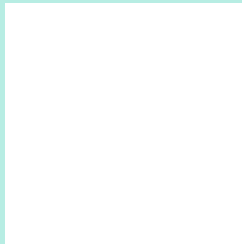
Any Text WCAG AAA ✓ Pass

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

Hex B7EDE3 Background



This preview shows how black text looks on a background with the Hex color B7EDE3.

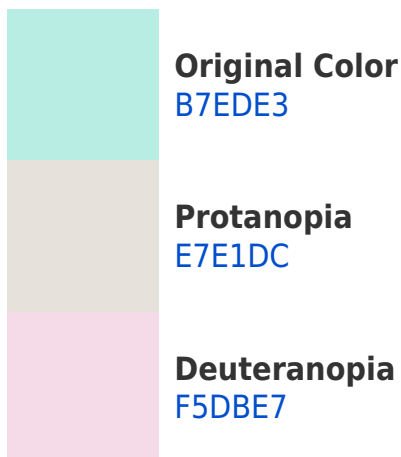


This preview shows how white text looks on a background with the Hex color B7EDE3.

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](#).

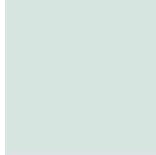
Dichromacy



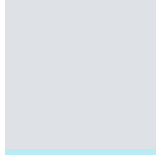
Trichromacy



Original Color
B7EDE3



Protanomaly
D6E5DF



Deuteranomaly
DEE2E6

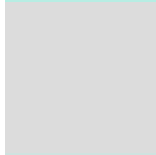


Tritanomaly
BAEAF3

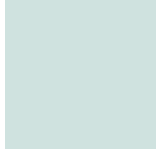
Monochromacy



Original Color
B7EDE3



Achromatopsia
DCDCDC



Achromatomaly
CFE2DF

CSS Examples

Text

The CSS property to change the color of the text to Hex B7EDE3 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 #B7EDE3 looks like.

```
.text, #text, p{  
    color:#B7EDE3  
}
```

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 #B7EDE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7EDE3
}
```

Border

The CSS property to change the border of an element to Hex B7EDE3 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
#B7EDE3 }
```

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

```
.border{ border-color:#B7EDE3 }
```

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

Here you see how a box with a 4 pixel #B7EDE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7EDE3; -webkit-box-shadow:4px 4px  
4px 4px #B7EDE3; box-shadow:4px 4px 4px  
4px #B7EDE3 }
```

Background

The CSS property to change the background color of an element to Hex B7EDE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7EDE3 }
```

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

```
.background{ background-color:#B7EDE3 }
```

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