

Converting Colors

Hex(B7E3E2)

Have a look what the booklet for
Hex(B7E3E2) contains.

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Color

Hex(B7E3E2)

Conversions

Conversions Part 1

Format	Color
Hex	B7E3E2
RGB	183, 227, 226
RGB Percent	72%, 89%, 89%
CMY	0.2824, 0.1098, 0.1137
CMYK	0.19, 0.00, 0.00, 0.11
HSL	179°, 44%, 80%
HSV	179°, 19%, 89%
XYZ	60.7250, 70.4964, 82.3581
YIQ	213.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

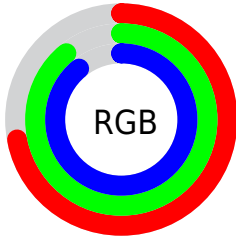
Format	Color
RYB	183, 205, 227
Decimal	12051426
CIELab	87.24, -14.36, -4.23
CIElCh	87, 14.970, 196.402
Yxy	70.4964, 0.2843, 0.3301
Android (android.graphics.Color)	4290241506 (0xFFB7E3E2)
YUV	213.7300, 6.0491, -26.9502
Hunter-Lab	83.9622, -17.8350, 0.6162

Details

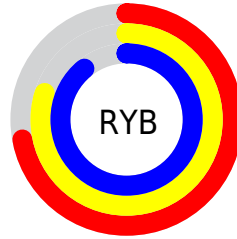
The Hex color **B7E3E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B7B8**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F0FFFF**, and **81ACAB** is the 20% darker color. If you saturate the color by 10%, you get **A0E3E1**, and if you desaturate by 10%, it is **CEE3E3**.

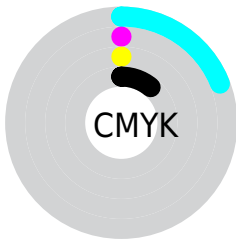
Distribution



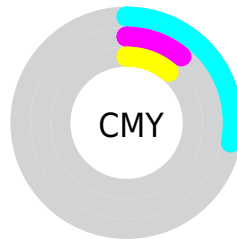
- Red (72%)
- Green (89%)
- Blue (89%)



- Red (72%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color B7E3E2 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 B7E3E2 by changing the saturation by 10% instead.

 B7E3E2

FFFFFF

 F0FFFF

 B7E3E2

 9CC7C6

 81ACAB

 679190

 4E7777

 365E5E

 1D4746

 033030

 001C1B

 000000

 B7E3E2

 B7E3E2

 A0E3E1

 CEE3E3

 8AE3E1

 E4E3E3

 73E3E0

 FBE3E4

 5CE3E0

 FFE3E4

 46E3DF

 FFE3E5

 2FE3DF

 FFE3E6

 18E3DE

 FFE3E7

 01E3DE

 00E3DE

Harmonies

Analogous

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



BFE3D3



B7E3E2



B9E1EF

Triad

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



B7E3E2



E7D5EE



EDD7BF

Complementary

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



B7E3E2



E3B7B8

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.



F6D3C7



B7E3E2



F4D2E2

Square

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



B7E3E2



D5D9F6



F9D1D3



DEDCBF

Rectangle

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



B7E3E2



BFDF4



F9D1D3



F1D6C1

Sweetspot

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



B7E3E2



F0FFFF



B8E3B7



77807F



000000



808080

Same Dimension

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



B7E3E2



C4FFFE



B7CEE3



677372



00B3AE



003332

Inverse Universe

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



E3B7B8



FFC4C6



E3CCB7



736768



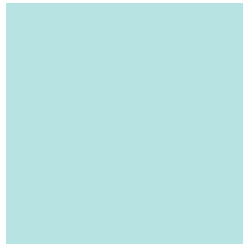
B30004



330001

Previews

White Background



This preview shows how the Hex color B7E3E2 looks on a white background.

Color Contrast Check

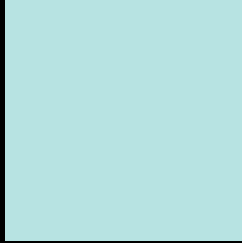
Large Text (above 18pt) WCAG AA × Fail

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 B7E3E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

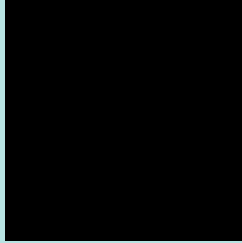
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

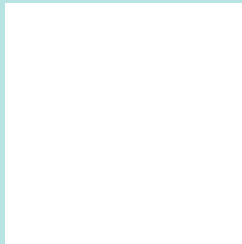
Any Text WCAG AAA ✓ Pass

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

Hex B7E3E2 Background



This preview shows how black text looks on a background with the Hex color B7E3E2.

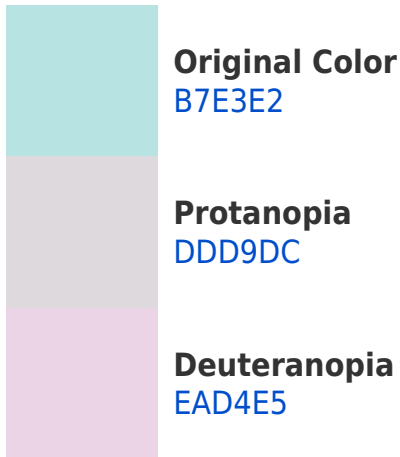


This preview shows how white text looks on a background with the Hex color B7E3E2.

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](#).

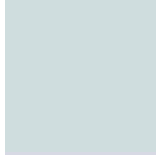
Dichromacy



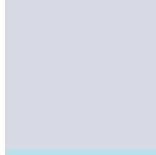
Trichromacy



Original Color
B7E3E2



Protanomaly
CFDDDE



Deuteranomaly
D7D9E4

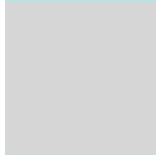


Tritanomaly
B9E1EC

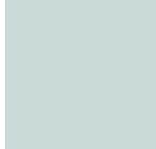
Monochromacy



Original Color
B7E3E2



Achromatopsia
D6D6D6



Achromatomaly
CBDBDA

CSS Examples

Text

The CSS property to change the color of the text to Hex B7E3E2 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 #B7E3E2 looks like.

```
.text, #text, p{  
    color:#B7E3E2  
}
```

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 #B7E3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7E3E2
}
```

Border

The CSS property to change the border of an element to Hex B7E3E2 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
#B7E3E2 }
```

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

```
.border{ border-color:#B7E3E2 }
```

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

Here you see how a box with a 4 pixel #B7E3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7E3E2; -webkit-box-shadow:4px 4px  
4px 4px #B7E3E2; box-shadow:4px 4px 4px  
4px #B7E3E2 }
```

Background

The CSS property to change the background color of an element to Hex B7E3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7E3E2 }
```

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

```
.background{ background-color:#B7E3E2 }
```

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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