

Converting Colors

Hex(A7E0BB)

Have a look what the booklet for
Hex(A7E0BB) contains.

Hex(A7E0BB)	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(A7E0BB)

Conversions

Conversions Part 1

Format	Color
Hex	A7E0BB
RGB	167, 224, 187
RGB Percent	65%, 88%, 73%
CMY	0.3451, 0.1216, 0.2667
CMYK	0.25, 0.00, 0.17, 0.12
HSL	141°, 48%, 77%
HSV	141°, 25%, 88%
XYZ	51.5616, 65.1147, 56.8645
YIQ	202.7390, -22.0950, -23.5910

Conversions

Conversions Part 2

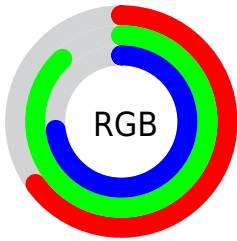
Format	Color
RYB	167, 209, 224
Decimal	11002043
CIELab	84.54, -25.59, 12.29
CIELCh	85, 28.385, 154.347
Yxy	65.1147, 0.2971, 0.3752
Android (android.graphics.Color)	4289192123 (0xFFA7E0BB)
YUV	202.7390, -7.7593, -31.3431
Hunter-Lab	80.6937, -27.1559, 14.7041

Details

The Hex color **A7E0BB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0A7CC**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **DFFFF3**, and **72A986** is the 20% darker color. If you saturate the color by 10%, you get **91E0AC**, and if you desaturate by 10%, it is **BDE0CA**.

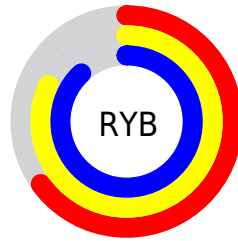
Distribution



Red (65%)

Green (88%)

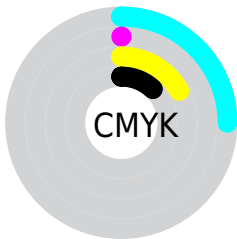
Blue (73%)



Red (65%)

Yellow (82%)

Blue (88%)

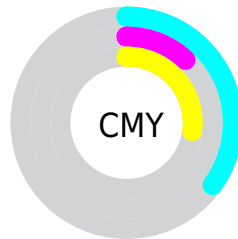


Cyan (25%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (35%)

Magenta (12%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color A7E0BB 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 A7E0BB by changing the saturation by 10% instead.

 A7E0BB

FFFFFF

 DFFFF3

 FCFFFF

 A7E0BB

 8CC4A0

 72A986

 588E6C

 3F7454

 265B3D

 0A4327

 002D12

 001900

 000000

 A7E0BB

 A7E0BB

 91E0AC

 BDE0CA

 7AE09E

 D4E0D8

 64E08F

 EAE0E7

 4DE081

 FFE0F5

 37E072

 FFE0FF

 21E064

 0AE055

 00E04F

Harmonies

Analogous

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



C6DBA6



A7E0BB



8EE2D6

Triad

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



A7E0BB



B8D4FF



FFC2B6

Complementary

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



A7E0BB



E0A7CC

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.



FFC0D0



A7E0BB



DCCBFF

Square

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



A7E0BB



96DCFF



F9C3EB



FBCAA4

Rectangle

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



A7E0BB



86E2E8



F9C3EB



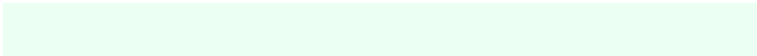
FFC1BE

Sweetspot

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



A7E0BB



EBFFF2



CCE0A7



738077



000000



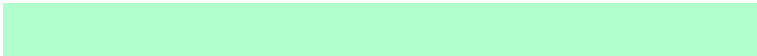
808080

Same Dimension

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



A7E0BB



B0FFCC



A7E0D7



657069



00B03E



003011

Inverse Universe

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



E0A7CC



FFB0E3



E0A7B0



70656C



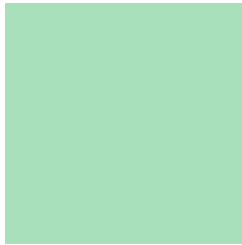
B00072



30001F

Previews

White Background



This preview shows how the Hex color A7E0BB looks on a white background.

Color Contrast Check

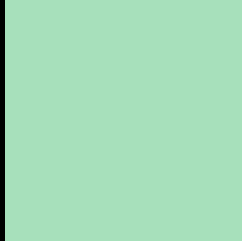
Large Text (above 18pt) WCAG AA × Fail

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 A7E0BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

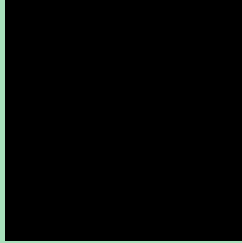
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

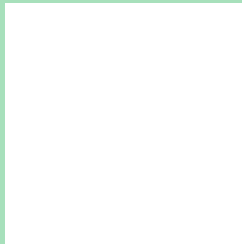
Any Text WCAG AAA ✓ Pass

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

Hex A7E0BB Background



This preview shows how black text looks on a background with the Hex color A7E0BB.

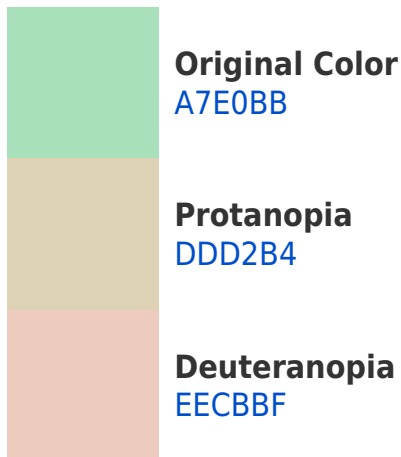


This preview shows how white text looks on a background with the Hex color A7E0BB.

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
B0D9EB

Trichromacy



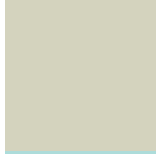
Original Color

A7E0BB



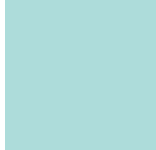
Protanomaly

C9D7B7



Deuteranomaly

D4D3BE



Tritanomaly

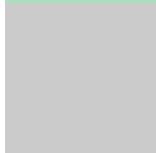
ADDCDA

Monochromacy



Original Color

A7E0BB



Achromatopsia

CBCBCB



Achromatomaly

BED3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex A7E0BB 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 #A7E0BB looks like.

```
.text, #text, p{  
    color:#A7E0BB  
}
```

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 #A7E0BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E0BB  
}
```

Border

The CSS property to change the border of an element to Hex A7E0BB 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  
#A7E0BB }
```

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

```
.border{ border-color:#A7E0BB }
```

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

Here you see how a box with a 4 pixel #A7E0BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E0BB; -webkit-box-shadow:4px 4px  
4px 4px #A7E0BB; box-shadow:4px 4px 4px  
4px #A7E0BB }
```

Background

The CSS property to change the background color of an element to Hex A7E0BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E0BB }
```

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

```
.background{ background-color:#A7E0BB }
```

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