

# Converting Colors

Hex(A9E8E2)

Have a look what the booklet for  
Hex(A9E8E2) contains.

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# Color

**Hex(A9E8E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9E8E2
RGB	169, 232, 226
RGB Percent	66%, 91%, 89%
CMY	0.3373, 0.0902, 0.1137
CMYK	0.27, 0.00, 0.03, 0.09
HSL	174°, 58%, 79%
HSV	174°, 27%, 91%
XYZ	58.9463, 71.6392, 82.6725
YIQ	212.4790, -35.6220, -15.2220

# Conversions

## Conversions Part 2

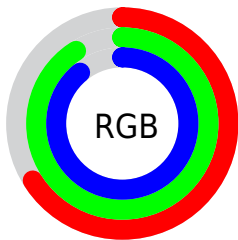
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 202, 232
Decimal	11135202
CIELab	87.79, -21.00, -3.50
CIELCh	88, 21.288, 189.468
Yxy	71.6392, 0.2764, 0.3359
Android (android.graphics.Color)	4289325282 (0xFFA9E8E2)
YUV	212.4790, 6.6659, -38.1311
Hunter-Lab	84.6400, -23.8062, 1.3362

# Details

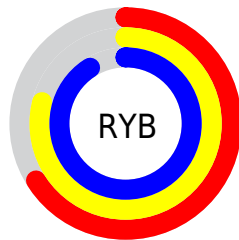
The Hex color **A9E8E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8A9AF**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E2FFFF**, and **73B0AB** is the 20% darker color. If you saturate the color by 10%, you get **92E8E0**, and if you desaturate by 10%, it is **C0E8E4**.

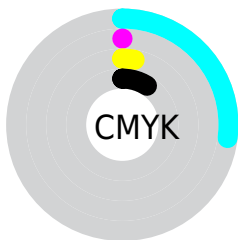
# Distribution



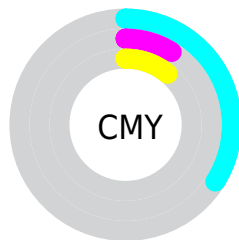
- Red (66%)
- Green (91%)
- Blue (89%)



- Red (66%)
- Yellow (79%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (34%)
- Magenta (9%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A9E8E2 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 A9E8E2 by changing the saturation by 10% instead.



 A9E8E2

 A9E8E2

FFFFFF

 8ECCCC

 E2FFFF

 73B0AB

 589590

 3E7B77

 24625E

 014A46

 003330

 001F1B

 000000

 A9E8E2

 A9E8E2

 92E8E0

 C0E8E4

 7BE8DE

 D7E8E6

 63E8DB

 EFE8E9

 4CE8D9

 FFE8EB

 35E8D7

 FFE8ED

 1EE8D5

 FFE8EF

 07E8D3

 FFE8F1

 00E8D2

 FFE8F4

 FFE8F6

# Harmonies

## Analogous

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



B8E7CD



A9E8E2



A7E6F5

# Triad

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



A9E8E2



E8D5FB



F9D6B7

# Complementary

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



A9E8E2



E8A9AF

# 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.



FFD1C3



A9E8E2



FCD0EB

# Square

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



A9E8E2



CEDCFF



FFCED6



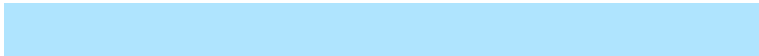
E5DDB4

# Rectangle

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



A9E8E2



AFE4FE



FFCED6



FED4BA



# Sweetspot

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



A9E8E2



EBFFFD



AFE8A9



73807E



000000



808080

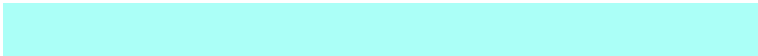


# Same Dimension

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



A9E8E2



ABFFF7



A9CFE8



677372



00B3A1



00332E



# Inverse Universe

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



E8A9AF



FFABB3



E8C2A9



736768



B30011

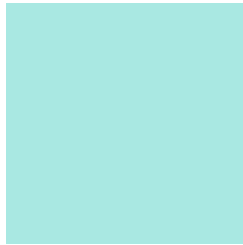


330005



# Previews

## White Background



This preview shows how the Hex color A9E8E2 looks on a white background.

## Color Contrast Check

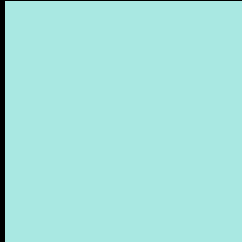
Large Text (above 18pt) WCAG AA × Fail

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 A9E8E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

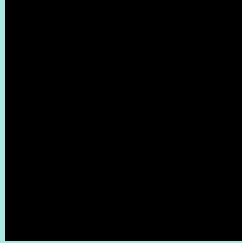
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

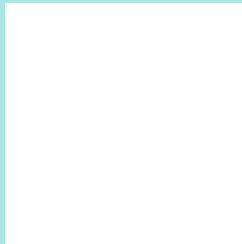
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A9E8E2 Background



This preview shows how black text looks on a background with the Hex color A9E8E2.



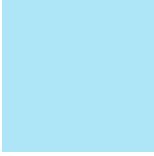
This preview shows how white text looks on a background with the Hex color A9E8E2.

# 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



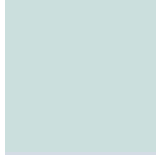


**Tritanopia**  
AEE5F7

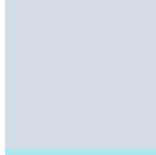
# Trichromacy



**Original Color**  
A9E8E2



**Protanomaly**  
CBDFDD



**Deuteranomaly**  
D4DCE5

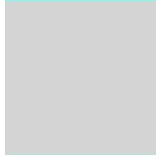


**Tritanomaly**  
ACE6EF

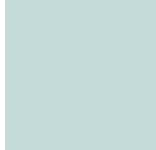
# Monochromacy



**Original Color**  
A9E8E2



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C4DBD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A9E8E2 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 #A9E8E2 looks like.

```
.text, #text, p{  
    color:#A9E8E2  
}
```

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 #A9E8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9E8E2
}
```

## Border

The CSS property to change the border of an element to Hex A9E8E2 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
#A9E8E2 }
```

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

```
.border{ border-color:#A9E8E2 }
```

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

Here you see how a box with a 4 pixel #A9E8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9E8E2; -webkit-box-shadow:4px 4px  
4px 4px #A9E8E2; box-shadow:4px 4px 4px  
4px #A9E8E2 }
```

# Background

The CSS property to change the background color of an element to Hex A9E8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9E8E2 }
```

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

```
.background{ background-color:#A9E8E2 }
```

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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