

# Converting Colors

Hex(B8E3E2)

Have a look what the booklet for  
Hex(B8E3E2) contains.

<b>Hex(B8E3E2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(B8E3E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	B8E3E2
RGB	184, 227, 226
RGB Percent	72%, 89%, 89%
CMY	0.2784, 0.1098, 0.1137
CMYK	0.19, 0.00, 0.00, 0.11
HSL	179°, 43%, 81%
HSV	179°, 19%, 89%
XYZ	60.9637, 70.6195, 82.3693
YIQ	214.0290, -25.3070, -9.4270

# Conversions

## Conversions Part 2

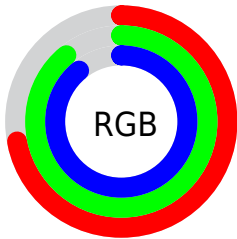
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 206, 227
Decimal	12116962
CIELab	87.30, -14.06, -4.13
CIELCh	87, 14.650, 196.382
Yxy	70.6195, 0.2849, 0.3301
Android (android.graphics.Color)	4290307042 (0xFFB8E3E2)
YUV	214.0290, 5.9017, -26.3354
Hunter-Lab	84.0354, -17.5687, 0.7103

# Details

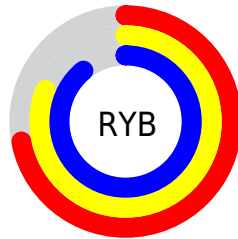
The Hex color **B8E3E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E3B8B9**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F1FFFF**, and **82ACAB** is the 20% darker color. If you saturate the color by 10%, you get **A1E3E1**, and if you desaturate by 10%, it is **CFE3E3**.

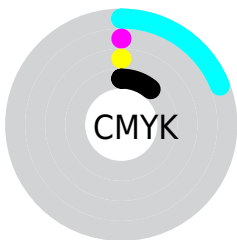
# Distribution



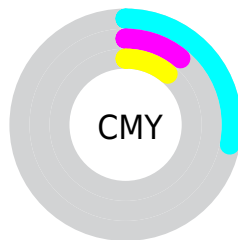
- Red (72%)
- Green (89%)
- Blue (89%)



- Red (72%)
- Yellow (81%)
- 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 B8E3E2 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 B8E3E2 by changing the saturation by 10% instead.



 B8E3E2

FFFFFF

 F1FFFF

 B8E3E2

 9DC7C6

 82ACAB

 689190

 4F7777

 375E5E


 1F4746

 043030

 001C1B

 000000

 B8E3E2

 B8E3E2

 A1E3E1

 CFE3E3

 8BE3E1

 E5E3E3

 74E3E0

 FCE3E4

 5DE3E0

 FFE3E4

 46E3DF

 FFE3E5

 30E3DF

 FFE3E6

 19E3DE

 FFE3E7

 02E3DE

 00E3DE

# Harmonies

## Analogous

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



C0E3D4



B8E3E2



BAE1EE

# Triad

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



B8E3E2



E7D5EE



ECD8C0

# Complementary

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



B8E3E2



E3B8B9

# 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.



F6D4C7



B8E3E2



F3D2E2

# Square

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



B8E3E2



D6D9F5



F9D1D3



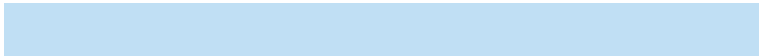
DEDCC0

# Rectangle

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



B8E3E2



C0DFF4



F9D1D3



F0D6C2

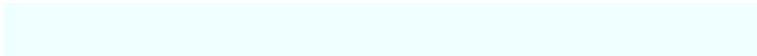


# Sweetspot

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



B8E3E2



F0FFFF



B9E3B8



77807F



000000



808080

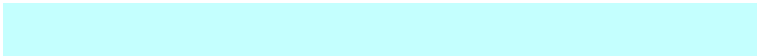


# Same Dimension

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



B8E3E2



C4FFFE



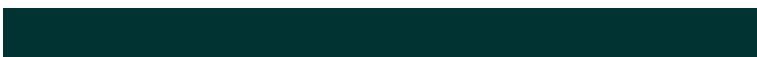
B8CFE3



677372



00B3AE



003332



# Inverse Universe

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



E3B8B9



FFC4C6



E3CCB8



736768



B30004

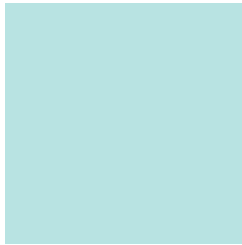


330001



# Previews

## White Background



This preview shows how the Hex color B8E3E2 looks on a white background.

## Color Contrast Check

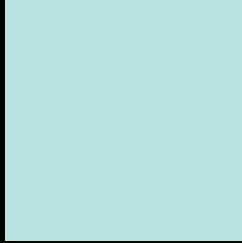
Large Text (above 18pt) WCAG AA × Fail

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 B8E3E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

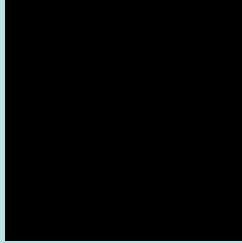
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

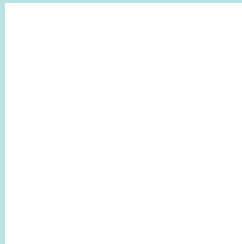
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8E3E2 Background



This preview shows how black text looks on a background with the Hex color B8E3E2.

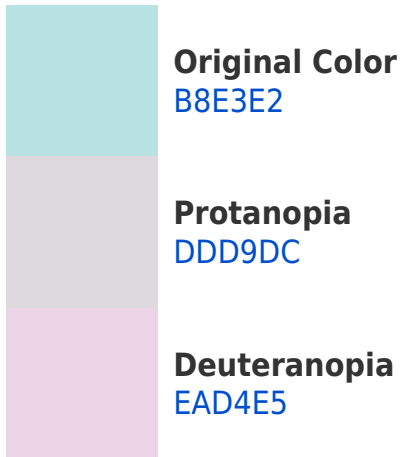


This preview shows how white text looks on a background with the Hex color B8E3E2.

# 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

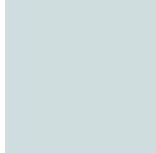




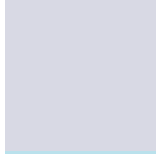
# Trichromacy



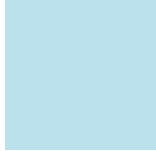
**Original Color**  
B8E3E2



**Protanomaly**  
D0DDDE



**Deuteranomaly**  
D8D9E4

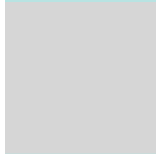


**Tritanomaly**  
BAE1EC

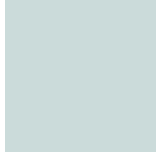
# Monochromacy



**Original Color**  
B8E3E2



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
CBDBDA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8E3E2 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 #B8E3E2 looks like.

```
.text, #text, p{  
    color:#B8E3E2  
}
```

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 #B8E3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E3E2
}
```

## Border

The CSS property to change the border of an element to Hex B8E3E2 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
#B8E3E2 }
```

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

```
.border{ border-color:#B8E3E2 }
```

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

Here you see how a box with a 4 pixel #B8E3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E3E2; -webkit-box-shadow:4px 4px  
4px 4px #B8E3E2; box-shadow:4px 4px 4px  
4px #B8E3E2 }
```

# Background

The CSS property to change the background color of an element to Hex B8E3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E3E2 }
```

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

```
.background{ background-color:#B8E3E2 }
```

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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