

# Converting Colors

Hex(B9E2E1)

Have a look what the booklet for  
Hex(B9E2E1) contains.

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# **Color**

**Hex(B9E2E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9E2E1
RGB	185, 226, 225
RGB Percent	73%, 89%, 88%
CMY	0.2745, 0.1137, 0.1176
CMYK	0.18, 0.00, 0.00, 0.11
HSL	179°, 41%, 81%
HSV	179°, 18%, 89%
XYZ	60.7945, 70.1432, 81.5689
YIQ	213.6270, -24.1150, -9.0030

# Conversions

## Conversions Part 2

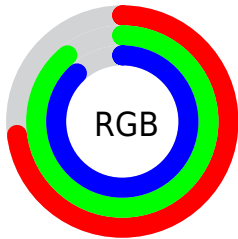
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 206, 226
Decimal	12182241
CIELab	87.07, -13.45, -3.94
CIELCh	87, 14.017, 196.329
Yxy	70.1432, 0.2861, 0.3301
Android (android.graphics.Color)	4290372321 (0xFFB9E2E1)
YUV	213.6270, 5.6069, -25.1059
Hunter-Lab	83.7516, -16.9936, 0.8812

# Details

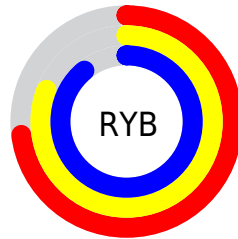
The Hex color **B9E2E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B9BA**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F2FFFF**, and **83ABAA** is the 20% darker color. If you saturate the color by 10%, you get **A2E2E0**, and if you desaturate by 10%, it is **D0E2E2**.

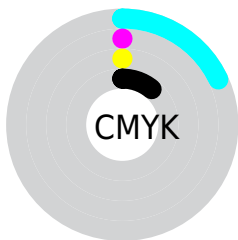
# Distribution



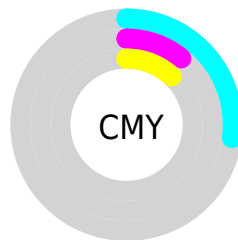
- Red (73%)
- Green (89%)
- Blue (88%)



- Red (73%)
- Yellow (81%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B9E2E1 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 B9E2E1 by changing the saturation by 10% instead.



 B9E2E1

 B9E2E1

FFFFFF

 9EC6C5

 F2FFFF

 83ABAA

 69908F

 507676

 385E5D

 204646

 072F2F

 001B1B

 000000

 B9E2E1

 B9E2E1

 A2E2E0

 D0E2E2

 8CE2E0

 E6E2E2

 75E2DF

 FDE2E3

 5FE2DF

 FFE2E3

 48E2DE

 FFE2E4

 31E2DE

 FFE2E5

 1BE2DD

 FFE2E6

 04E2DD

 00E2DC

# Harmonies

## Analogous

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



C0E2D3



B9E2E1



BBE0ED

# Triad

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



B9E2E1



E5D4ED



EBD7C1

# Complementary

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



B9E2E1



E2B9BA

# 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.



F4D3C7



B9E2E1



F2D2E1

# Square

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



B9E2E1



D5D9F3



F7D1D3



DDDBC1

# Rectangle

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



B9E2E1



C1DEF2



F7D1D3



EFD6C2



# Sweetspot

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



B9E2E1



F2FFFF



BAE2B9



78807F



000000



808080

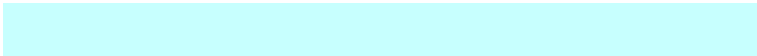


# Same Dimension

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



B9E2E1



C7FFFE



B9CFE2



657070



00B0AC



00302F



# Inverse Universe

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



E2B9BA



FFC7C8



E2CCB9



706565



B00004

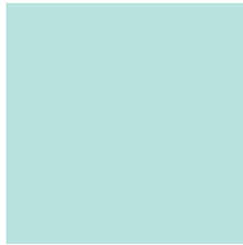


300001



# Previews

## White Background



This preview shows how the Hex color B9E2E1 looks on a white background.

## Color Contrast Check

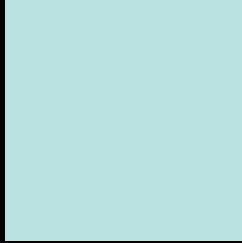
Large Text (above 18pt) WCAG AA × Fail

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 B9E2E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

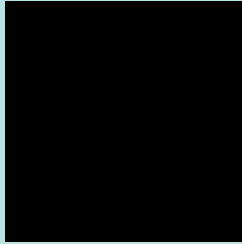
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex B9E2E1 Background



This preview shows how black text looks on a background with the Hex color B9E2E1.

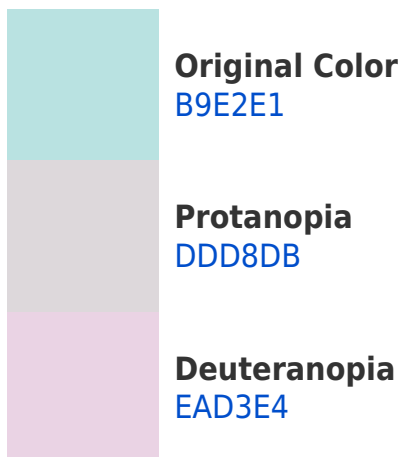


This preview shows how white text looks on a background with the Hex color B9E2E1.

# Color Blindness Simulation

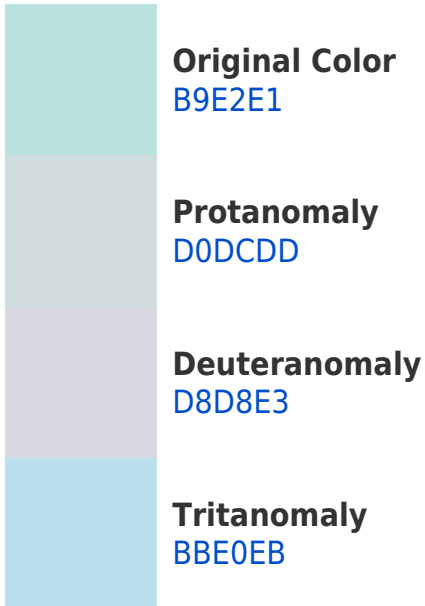
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

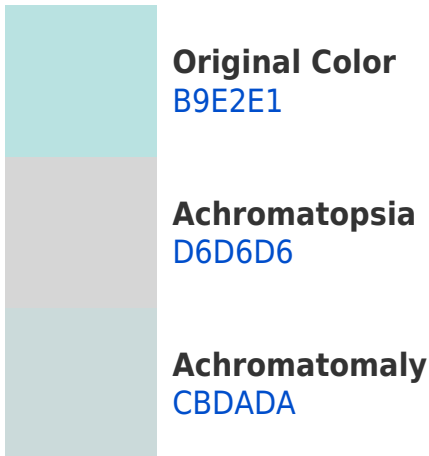




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B9E2E1 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 #B9E2E1 looks like.

```
.text, #text, p{  
    color:#B9E2E1  
}
```

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 #B9E2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E2E1
}
```

## Border

The CSS property to change the border of an element to Hex B9E2E1 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
#B9E2E1 }
```

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

```
.border{ border-color:#B9E2E1 }
```

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

Here you see how a box with a 4 pixel #B9E2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E2E1; -webkit-box-shadow:4px 4px  
4px 4px #B9E2E1; box-shadow:4px 4px 4px  
4px #B9E2E1 }
```

# Background

The CSS property to change the background color of an element to Hex B9E2E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E2E1 }
```

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

```
.background{ background-color:#B9E2E1 }
```

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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