

# Converting Colors

Hex(B8E5CD)

Have a look what the booklet for  
Hex(B8E5CD) contains.

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# **Color**

**Hex(B8E5CD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8E5CD
RGB	184, 229, 205
RGB Percent	72%, 90%, 80%
CMY	0.2784, 0.1020, 0.1961
CMYK	0.20, 0.00, 0.10, 0.10
HSL	148°, 46%, 81%
HSV	148°, 20%, 90%
XYZ	58.8059, 70.6367, 68.2925
YIQ	212.8090, -19.1160, -17.0040

# Conversions

## Conversions Part 2

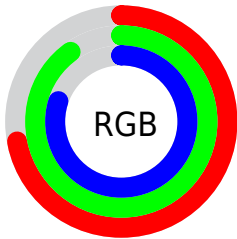
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 215, 229
Decimal	12117453
CIELab	87.31, -19.24, 6.92
CIElCh	87, 20.447, 160.222
Yxy	70.6367, 0.2974, 0.3572
Android (android.graphics.Color)	4290307533 (0xFFB8E5CD)
YUV	212.8090, -3.8498, -25.2655
Hunter-Lab	84.0457, -22.1852, 10.6551

# Details

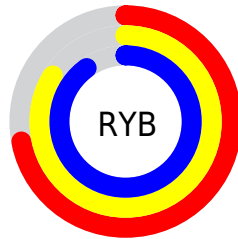
The Hex color **B8E5CD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E5B8D0**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F0FFFF**, and **82AD97** is the 20% darker color. If you saturate the color by 10%, you get **A1E5C1**, and if you desaturate by 10%, it is **CFE5D9**.

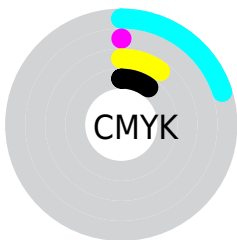
# Distribution



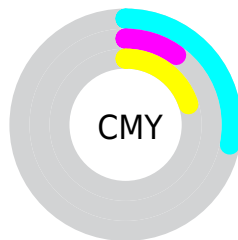
- Red (72%)
- Green (90%)
- Blue (80%)



- Red (72%)
- Yellow (84%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8E5CD 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 B8E5CD by changing the saturation by 10% instead.



 B8E5CD

FFFFFF

 F0FFFF

 B8E5CD

 9DC9B2

 82AD97

 69937D

 507964

 38604C

 204835

 073120

 001D09

 000000

 B8E5CD

 B8E5CD

 A1E5C1

 CFE5D9

 8AE5B5

 E6E5E5

 73E5A8

 FDE5F2

 5CE59C

 FFE5FE

 45E590

 FFE5FF

 2FE584

 18E578

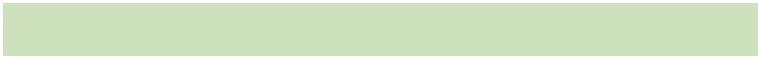
 01E56B

 00E56B

# Harmonies

## Analogous

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



CDE1BD



B8E5CD



AAE6E1

# Triad

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



B8E5CD



CEDAFF



FFD0C3

# Complementary

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



B8E5CD



E5B8D0

# 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.



FFCDD5



B8E5CD



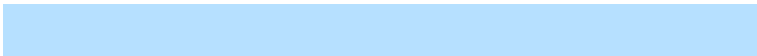
E7D4F8

# Square

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



B8E5CD



B6E0FF



FACFE8



F6D5B7

# Rectangle

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



B8E5CD



A7E5EE



FACFE8



FFCFC8



# Sweetspot

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



B8E5CD



F0FFF7



D0E5B8



77807B



000000



808080

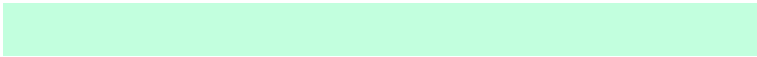


# Same Dimension

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



B8E5CD



C2FFDE



B8E5E4



67736D



00B353



003318



# Inverse Universe

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



E5B8D0



FFC2E2



E5B8BA



73676D



B3005F

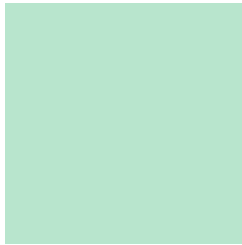


33001B



# Previews

## White Background



This preview shows how the Hex color B8E5CD looks on a white background.

## Color Contrast Check

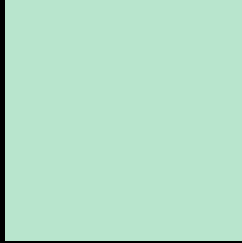
Large Text (above 18pt) WCAG AA × Fail

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 B8E5CD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

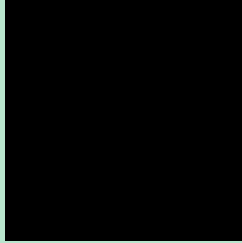
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

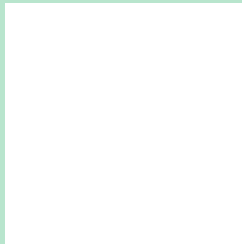
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex B8E5CD Background



This preview shows how black text looks on a background with the Hex color B8E5CD.

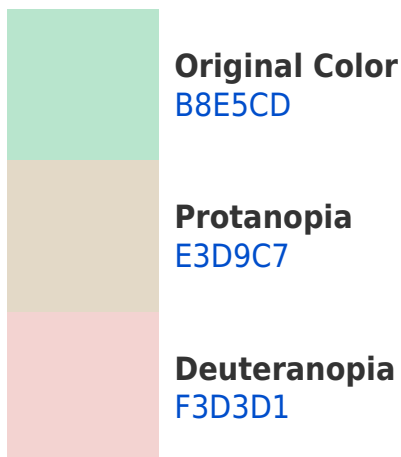


This preview shows how white text looks on a background with the Hex color B8E5CD.

# 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

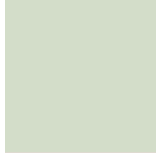




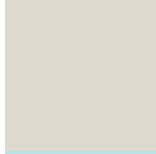
# Trichromacy



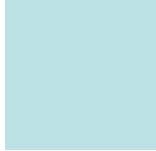
**Original Color**  
B8E5CD



**Protanomaly**  
D3DDC9



**Deuteranomaly**  
DEDAD0

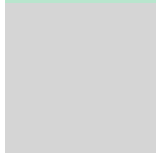


**Tritanomaly**  
BCE2E5

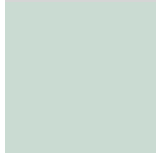
# Monochromacy



**Original Color**  
B8E5CD



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
CADBD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8E5CD 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 #B8E5CD looks like.

```
.text, #text, p{  
    color:#B8E5CD  
}
```

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 #B8E5CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E5CD
}
```

## Border

The CSS property to change the border of an element to Hex B8E5CD 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
#B8E5CD }
```

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

```
.border{ border-color:#B8E5CD }
```

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

Here you see how a box with a 4 pixel #B8E5CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E5CD; -webkit-box-shadow:4px 4px  
4px 4px #B8E5CD; box-shadow:4px 4px 4px  
4px #B8E5CD }
```

# Background

The CSS property to change the background color of an element to Hex B8E5CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E5CD }
```

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

```
.background{ background-color:#B8E5CD }
```

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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