

Converting Colors

Hex(B4E2CB)

Have a look what the booklet for
Hex(B4E2CB) contains.

Hex(B4E2CB)	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(B4E2CB)

Conversions

Conversions Part 1

Format	Color
Hex	B4E2CB
RGB	180, 226, 203
RGB Percent	71%, 89%, 80%
CMY	0.2941, 0.1137, 0.2039
CMYK	0.20, 0.00, 0.10, 0.11
HSL	150°, 44%, 80%
HSV	150°, 20%, 89%
XYZ	56.7982, 68.4078, 66.7104
YIQ	209.6240, -20.0330, -16.9050

Conversions

Conversions Part 2

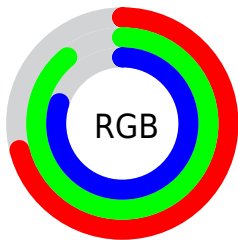
Format	Color
RYB	180, 211, 226
Decimal	11854539
CIELab	86.21, -19.41, 6.36
CIELCh	86, 20.426, 161.866
Yxy	68.4078, 0.2960, 0.3564
Android (android.graphics.Color)	4290044619 (0xFFB4E2CB)
YUV	209.6240, -3.2656, -25.9802
Hunter-Lab	82.7090, -22.1606, 10.0750

Details

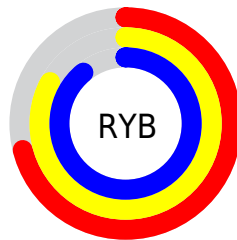
The Hex color **B4E2CB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B4CB**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **ECFFFF**, and **7EAB95** is the 20% darker color. If you saturate the color by 10%, you get **9DE2C0**, and if you desaturate by 10%, it is **CBE2D6**.

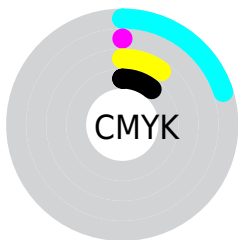
Distribution



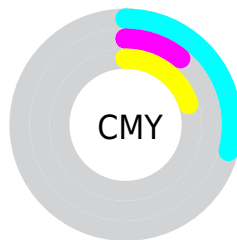
- Red (71%)
- Green (89%)
- Blue (80%)



- Red (71%)
- Yellow (83%)
- Blue (89%)



- Cyan (20%)
- Magenta (0%)
- Yellow (10%)
- Black (11%)



- Cyan (29%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E2CB 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 B4E2CB by changing the saturation by 10% instead.

 B4E2CB

 B4E2CB

FFFFFF

 99C6B0

 ECFFFF

 7EAB95

 65907B

 4C7662

 345D4A

 1C4634

 032F1F

 001B06

 000000

 B4E2CB

 B4E2CB

 9DE2C0

 CBE2D6

 87E2B4

 E1E2E2

 70E2A9

 F8E2ED

 5AE29E

 FFE2F8

 43E292

 FFE2FF

 2CE287

 16E27C

 00E271

Harmonies

Analogous

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



C9DEBA



B4E2CB



A6E3DF

Triad

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



B4E2CB



CCD7FD



FECDBF

Complementary

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



B4E2CB



E2B4CB

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.



FFCAD0



B4E2CB



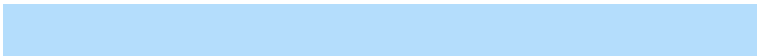
E5D0F5

Square

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



B4E2CB



B4DDFC



F7CCE4



F2D2B3

Rectangle

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



B4E2CB



A4E2EB



F7CCE4



FFCC4

Sweetspot

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



B4E2CB



F0FFF7



CBE2B4



77807B



000000



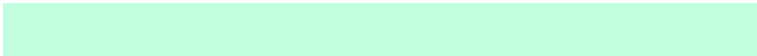
808080

Same Dimension

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



B4E2CB



C2FFE0



B4E2E1



65706B



00B058



003018

Inverse Universe

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



E2B4CB



FFC2E0



E2B4B4



70656B



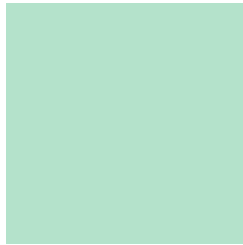
B00058



300018

Previews

White Background



This preview shows how the Hex color B4E2CB looks on a white background.

Color Contrast Check

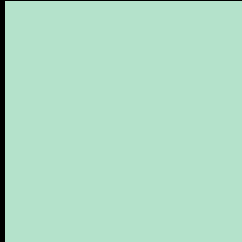
Large Text (above 18pt) WCAG AA × Fail

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 B4E2CB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

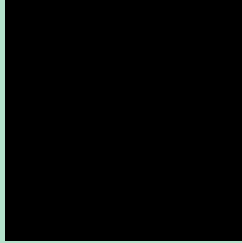
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

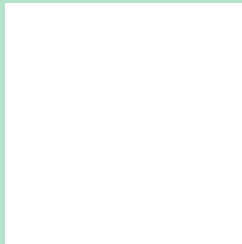
Any Text WCAG AAA ✓ Pass

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

Hex B4E2CB Background



This preview shows how black text looks on a background with the Hex color B4E2CB.



This preview shows how white text looks on a background with the Hex color B4E2CB.

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](#).

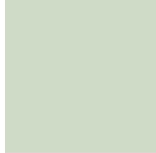
Dichromacy



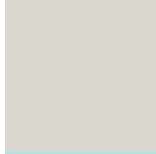
Trichromacy



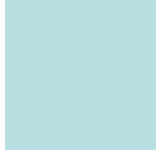
Original Color
B4E2CB



Protanomaly
CFDAC7



Deuteranomaly
DAD7CE

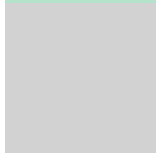


Tritanomaly
B8DFE1

Monochromacy



Original Color
B4E2CB



Achromatopsia
D2D2D2



Achromatomaly
C7D8CF

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E2CB 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 #B4E2CB looks like.

```
.text, #text, p{  
    color:#B4E2CB  
}
```

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 #B4E2CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E2CB  
}
```

Border

The CSS property to change the border of an element to Hex B4E2CB 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  
#B4E2CB }
```

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

```
.border{ border-color:#B4E2CB }
```

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

Here you see how a box with a 4 pixel #B4E2CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E2CB; -webkit-box-shadow:4px 4px  
4px 4px #B4E2CB; box-shadow:4px 4px 4px  
4px #B4E2CB }
```

Background

The CSS property to change the background color of an element to Hex B4E2CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E2CB }
```

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

```
.background{ background-color:#B4E2CB }
```

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