

Converting Colors

Hex(B4E7C8)

Have a look what the booklet for
Hex(B4E7C8) contains.

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Color

Hex(B4E7C8)

Conversions

Conversions Part 1

Format	Color
Hex	B4E7C8
RGB	180, 231, 200
RGB Percent	71%, 91%, 78%
CMY	0.2941, 0.0941, 0.2157
CMYK	0.22, 0.00, 0.13, 0.09
HSL	144°, 52%, 81%
HSV	144°, 22%, 91%
XYZ	57.8236, 71.0253, 65.3052
YIQ	212.2170, -20.4450, -20.4530

Conversions

Conversions Part 2

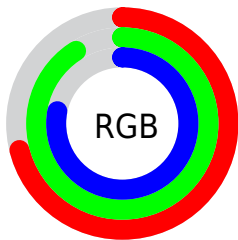
Format	Color
RYB	180, 217, 231
Decimal	11855816
CIELab	87.50, -22.44, 9.78
CIELCh	87, 24.479, 156.456
Yxy	71.0253, 0.2978, 0.3658
Android (android.graphics.Color)	4290045896 (0xFFB4E7C8)
YUV	212.2170, -6.0230, -28.2543
Hunter-Lab	84.2765, -25.0117, 13.0502

Details

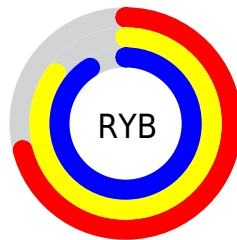
The Hex color **B4E7C8** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7B4D3**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **ECFFFF**, and **7EAF92** is the 20% darker color. If you saturate the color by 10%, you get **9DE7BA**, and if you desaturate by 10%, it is **CBE7D6**.

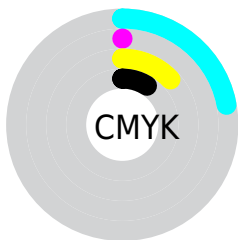
Distribution



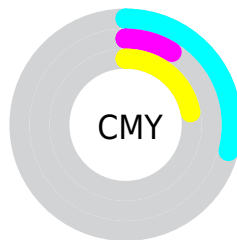
- Red (71%)
- Green (91%)
- Blue (78%)



- Red (71%)
- Yellow (85%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E7C8 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 B4E7C8 by changing the saturation by 10% instead.

 B4E7C8

 B4E7C8

FFFFFF

 99CBAD

 ECFFFF

 7EAF92

 659478

 4C7B60

 336148

 1B4931

 01321C

 001E03

 000000

 B4E7C8

 B4E7C8

 9DE7BA

 CBE7D6

 86E7AC

 E2E7E4

 6FE79E

 F9E7F2

 58E790

 FFE7FF

 41E782

 29E774

 12E766

 00E75B

Harmonies

Analogous

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



CEE2B5



B4E7C8



A0E9E0

Triad

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



B4E7C8



C7DCFF



FFCDC1

Complementary

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



B4E7C8



E7B4D3

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.



FFCBD7



B4E7C8



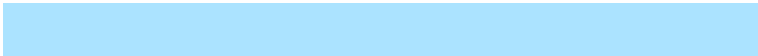
E6D4FF

Square

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



B4E7C8



ABE3FF



FECDEE



FDD4B1

Rectangle

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



B4E7C8



9BE8EF



FECDEE



FFCC8

Sweetspot

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



B4E7C8



EDFFF4



D3E7B4



758079



000000



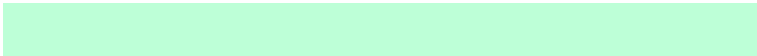
808080

Same Dimension

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



B4E7C8



BDFFD7



B4E7E1



67736C



00B346



003314

Inverse Universe

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



E7B4D3



FFBDE5



E7B4BA



73676E



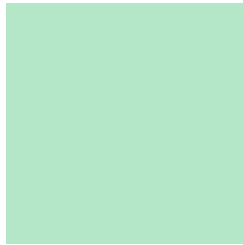
B3006D



33001F

Previews

White Background



This preview shows how the Hex color B4E7C8 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 B4E7C8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

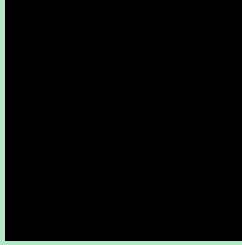
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

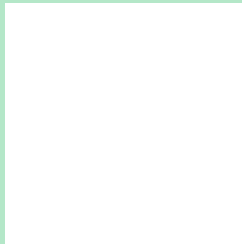
Any Text WCAG AAA ✓ Pass

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

Hex B4E7C8 Background



This preview shows how black text looks on a background with the Hex color B4E7C8.

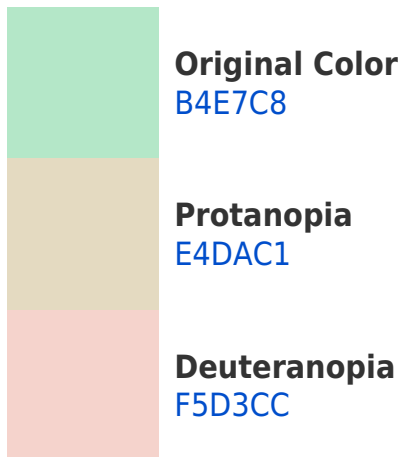


This preview shows how white text looks on a background with the Hex color B4E7C8.

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](#).

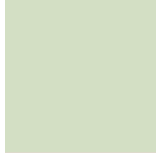
Dichromacy



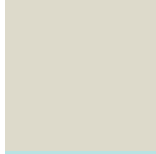
Trichromacy



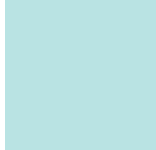
Original Color
B4E7C8



Protanomaly
D3DFC4



Deuteranomaly
DDDACB

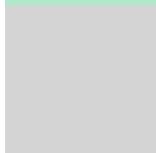


Tritanomaly
B9E3E3

Monochromacy



Original Color
B4E7C8



Achromatopsia
D4D4D4



Achromatomaly
C8DBD0

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E7C8 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 #B4E7C8 looks like.

```
.text, #text, p{  
    color:#B4E7C8  
}
```

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 #B4E7C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E7C8
}
```

Border

The CSS property to change the border of an element to Hex B4E7C8 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
#B4E7C8 }
```

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

```
.border{ border-color:#B4E7C8 }
```

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

Here you see how a box with a 4 pixel #B4E7C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E7C8; -webkit-box-shadow:4px 4px  
4px 4px #B4E7C8; box-shadow:4px 4px 4px  
4px #B4E7C8 }
```

Background

The CSS property to change the background color of an element to Hex B4E7C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E7C8 }
```

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

```
.background{ background-color:#B4E7C8 }
```

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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