

Converting Colors

Hex(B5E7E0)

Have a look what the booklet for
Hex(B5E7E0) contains.

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Color

Hex(B5E7E0)

Conversions

Conversions Part 1

Format	Color
Hex	B5E7E0
RGB	181, 231, 224
RGB Percent	71%, 91%, 88%
CMY	0.2902, 0.0941, 0.1216
CMYK	0.22, 0.00, 0.03, 0.09
HSL	172°, 51%, 81%
HSV	172°, 22%, 91%
XYZ	61.0865, 72.3574, 81.2678
YIQ	215.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

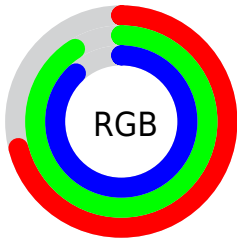
Format	Color
R _Y B	181, 208, 231
Decimal	11921376
CIE Lab	88.14, -17.39, -1.87
CIE LCh	88, 17.489, 186.127
Yxy	72.3574, 0.2845, 0.3370
Android (android.graphics.Color)	4290111456 (0xFFB5E7E0)
YUV	215.2520, 4.3128, -30.0390
Hunter-Lab	85.0632, -20.6741, 2.8996

Details

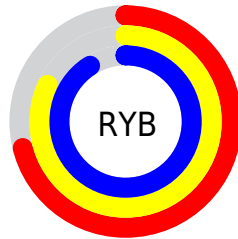
The Hex color **B5E7E0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E7B5BC**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EEFFFF**, and **7FAFA9** is the 20% darker color. If you saturate the color by 10%, you get **9EE7DD**, and if you desaturate by 10%, it is **CCE7E3**.

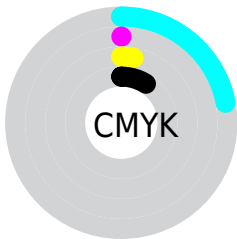
Distribution



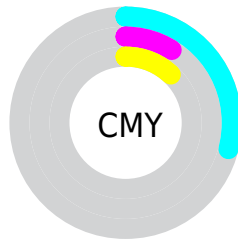
- Red (71%)
- Green (91%)
- Blue (88%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B5E7E0 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 B5E7E0 by changing the saturation by 10% instead.

 B5E7E0

 B5E7E0

FFFFFF

 9ACBC4

 EEEFFF

 7FAFA9

 65958E

 4C7B75

 33625C

 1A4A45

 00332F

 001E1A

 000000

 B5E7E0

 B5E7E0

 9EE7DD

 CCE7E3

 87E7DA

 E3E7E6

 70E7D6

 FAE7EA

 59E7D3

 FFE7ED

 42E7D0

 FFE7F0

 2AE7CD

 FFE7F3

 13E7C9

 FFE7F7

 00E7C7

 FFE7FA

 FFE7FD

Harmonies

Analogous

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



C2E6CF



B5E7E0



B3E6F0

Triad

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



B5E7E0



E5D8F8



F7D8BF

Complementary

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



B5E7E0



E7B5BC

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.



FFD3CA



B5E7E0



F6D3EB

Square

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



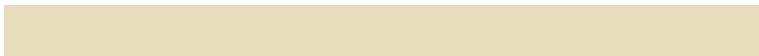
B5E7E0



CFDDFE



FFD2DA



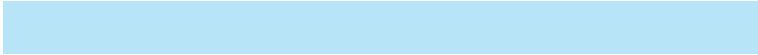
E7DDBC

Rectangle

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



B5E7E0



B8E4F8



FFD2DA



FAD6C2

Sweetspot

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



B5E7E0



F0FFFD



BDE7B5



77807E



000000



808080

Same Dimension

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



B5E7E0



BDFFF6



B5D5E7



677371



00B39A



00332C

Inverse Universe

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



E7B5BC



FFBDC6



E7C7B5



736769



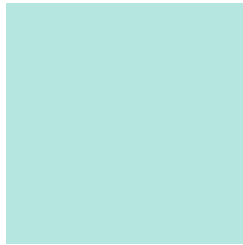
B30019



330007

Previews

White Background



This preview shows how the Hex color B5E7E0 looks on a white background.

Color Contrast Check

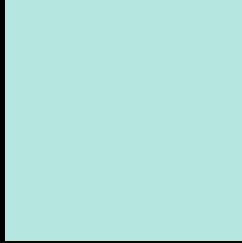
Large Text (above 18pt) WCAG AA × Fail

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 B5E7E0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

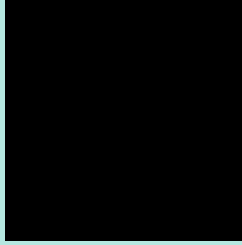
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

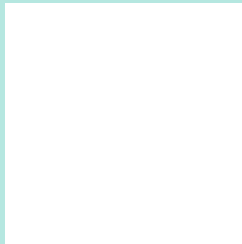
Any Text WCAG AAA ✓ Pass

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

Hex B5E7E0 Background



This preview shows how black text looks on a background with the Hex color B5E7E0.



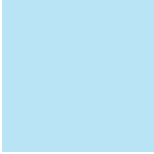
This preview shows how white text looks on a background with the Hex color B5E7E0.

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



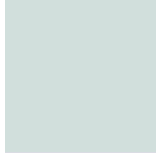


Tritanopia
B9E4F6

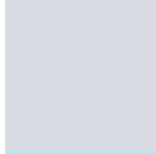
Trichromacy



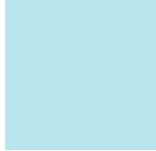
Original Color
B5E7E0



Protanomaly
D1DFDC



Deuteranomaly
DADCE3

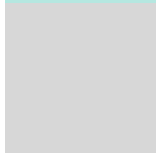


Tritanomaly
B8E5EE

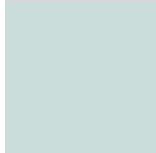
Monochromacy



Original Color
B5E7E0



Achromatopsia
D7D7D7



Achromatomaly
CBDDDA

CSS Examples

Text

The CSS property to change the color of the text to Hex B5E7E0 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 #B5E7E0 looks like.

```
.text, #text, p{  
    color:#B5E7E0  
}
```

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 #B5E7E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B5E7E0
}
```

Border

The CSS property to change the border of an element to Hex B5E7E0 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
#B5E7E0 }
```

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

```
.border{ border-color:#B5E7E0 }
```

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

Here you see how a box with a 4 pixel #B5E7E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B5E7E0; -webkit-box-shadow:4px 4px  
4px 4px #B5E7E0; box-shadow:4px 4px 4px  
4px #B5E7E0 }
```

Background

The CSS property to change the background color of an element to Hex B5E7E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B5E7E0 }
```

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

```
.background{ background-color:#B5E7E0 }
```

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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