

Converting Colors

Hex(B4E2E1)

Have a look what the booklet for
Hex(B4E2E1) contains.

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Color

Hex(B4E2E1)

Conversions

Conversions Part 1

Format	Color
Hex	B4E2E1
RGB	180, 226, 225
RGB Percent	71%, 89%, 88%
CMY	0.2941, 0.1137, 0.1176
CMYK	0.20, 0.00, 0.00, 0.11
HSL	179°, 44%, 80%
HSV	179°, 20%, 89%
XYZ	59.6094, 69.5323, 81.5135
YIQ	212.1320, -27.0950, -10.0630

Conversions

Conversions Part 2

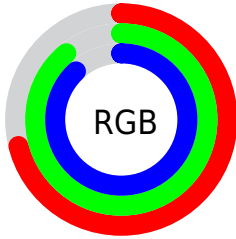
Format	Color
RYB	180, 203, 226
Decimal	11854561
CIELab	86.77, -14.98, -4.42
CIELCh	87, 15.614, 196.434
Yxy	69.5323, 0.2830, 0.3301
Android (android.graphics.Color)	4290044641 (0xFFB4E2E1)
YUV	212.1320, 6.3439, -28.1798
Hunter-Lab	83.3860, -18.3229, 0.4116

Details

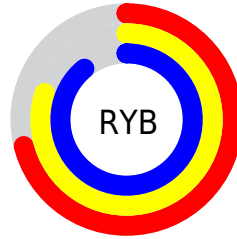
The Hex color **B4E2E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2B4B5**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **EDFFFF**, and **7EABAA** is the 20% darker color. If you saturate the color by 10%, you get **9DE2E1**, and if you desaturate by 10%, it is **CBE2E1**.

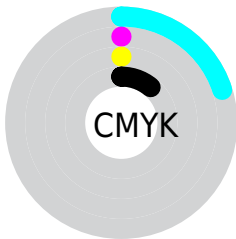
Distribution



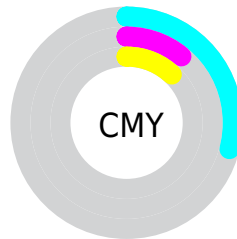
- Red (71%)
- Green (89%)
- Blue (88%)



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



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



- Cyan (29%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B4E2E1 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 B4E2E1 by changing the saturation by 10% instead.

 B4E2E1

 B4E2E1

FFFFFF

 99C6C5

 EDFFFF

 7EABAA

 64908F

 4B7676

 335E5D

 1A4646

 002F2F

 001B1B

 000000

 B4E2E1

 B4E2E1

 9DE2E1

 CBE2E1

 87E2E0

 E1E2E2

 70E2E0

 F8E2E2

 5AE2DF

 FFE2E3

 43E2DF

 FFE2E4

 2CE2DE

 FFE2E5

 16E2DE

 00E2DD

Harmonies

Analogous

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



BCE2D2



B4E2E1



B6E0EE

Triad

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



B4E2E1



E6D3EE



ECD6BD

Complementary

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



B4E2E1



E2B4B5

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.



F6D2C4



B4E2E1



F3D0E1

Square

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



B4E2E1



D4D8F5



F9CFD1



DDDBBD

Rectangle

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



B4E2E1



BDDEF4



F9CFD1



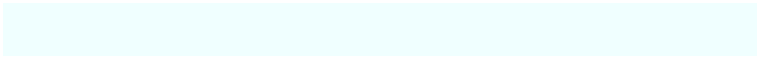
F0D4BF

Sweetspot

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



B4E2E1



F0FFFF



B6E2B4



77807F



000000



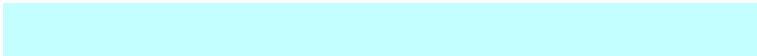
808080

Same Dimension

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



B4E2E1



C2FFFE



B4CDE2



657070



00B0AC



00302F

Inverse Universe

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



E2B4B5



FFC2C3



E2C9B4



706565



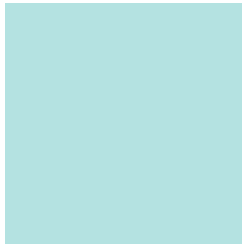
B00004



300001

Previews

White Background



This preview shows how the Hex color B4E2E1 looks on a white background.

Color Contrast Check

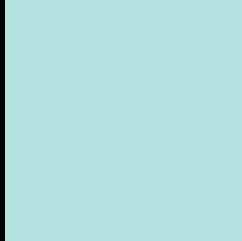
Large Text (above 18pt) WCAG AA × Fail

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 B4E2E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

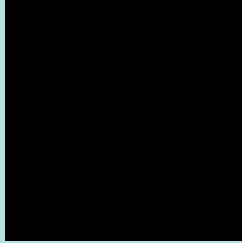
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

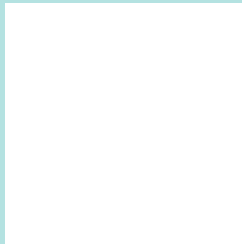
Any Text WCAG AAA ✓ Pass

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

Hex B4E2E1 Background



This preview shows how black text looks on a background with the Hex color B4E2E1.

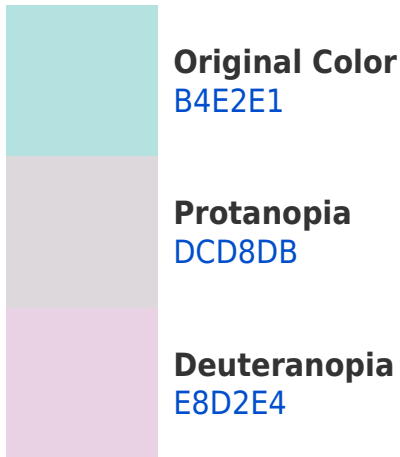


This preview shows how white text looks on a background with the Hex color B4E2E1.

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



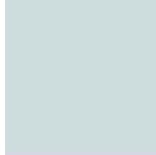


Tritanopia
B7DFF1

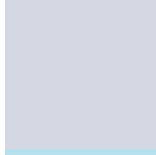
Trichromacy



Original Color
B4E2E1



Protanomaly
CDDCDD



Deuteranomaly
D5D8E3

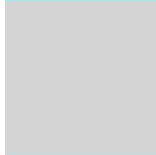


Tritanomaly
B6E0EB

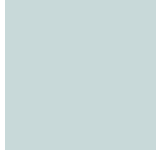
Monochromacy



Original Color
B4E2E1



Achromatopsia
D4D4D4



Achromatomaly
C8D9D9

CSS Examples

Text

The CSS property to change the color of the text to Hex B4E2E1 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 #B4E2E1 looks like.

```
.text, #text, p{  
    color:#B4E2E1  
}
```

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 #B4E2E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B4E2E1
}
```

Border

The CSS property to change the border of an element to Hex B4E2E1 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
#B4E2E1 }
```

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

```
.border{ border-color:#B4E2E1 }
```

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

Here you see how a box with a 4 pixel #B4E2E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B4E2E1; -webkit-box-shadow:4px 4px  
4px 4px #B4E2E1; box-shadow:4px 4px 4px  
4px #B4E2E1 }
```

Background

The CSS property to change the background color of an element to Hex B4E2E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B4E2E1 }
```

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

```
.background{ background-color:#B4E2E1 }
```

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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