

Converting Colors

Hex(B2E8E1)

Have a look what the booklet for
Hex(B2E8E1) contains.

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Color

Hex(**B2E8E1**)

Conversions

Conversions Part 1

Format	Color
Hex	B2E8E1
RGB	178, 232, 225
RGB Percent	70%, 91%, 88%
CMY	0.3020, 0.0902, 0.1176
CMYK	0.23, 0.00, 0.03, 0.09
HSL	172°, 54%, 80%
HSV	172°, 23%, 91%
XYZ	60.8073, 72.6144, 82.0453
YIQ	215.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

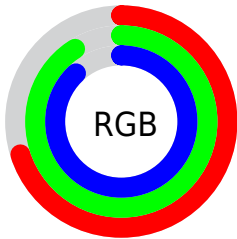
Format	Color
RYB	178, 207, 232
Decimal	11725025
CIELab	88.26, -18.58, -2.23
CIElCh	88, 18.712, 186.848
Yxy	72.6144, 0.2822, 0.3370
Android (android.graphics.Color)	4289915105 (0xFFB2E8E1)
YUV	215.0560, 4.9024, -32.4981
Hunter-Lab	85.2141, -21.7502, 2.5647

Details

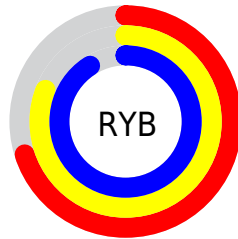
The Hex color **B2E8E1** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8B2B9**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB0AA** is the 20% darker color. If you saturate the color by 10%, you get **9BE8DE**, and if you desaturate by 10%, it is **C9E8E4**.

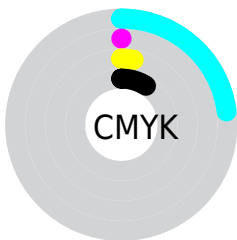
Distribution



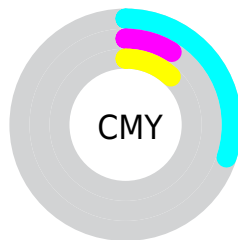
- Red (70%)
- Green (91%)
- Blue (88%)



- Red (70%)
- Yellow (81%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (9%)



- Cyan (30%)
- Magenta (9%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E8E1 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 B2E8E1 by changing the saturation by 10% instead.

 B2E8E1

FFFFFF

 EBFFFF

 B2E8E1

 97CCC5

 7CB0AA

 62958F

 497C76

 2F625D

 154A46

 00342F

 001F1B

 000000

 B2E8E1

 B2E8E1

 9BE8DE

 C9E8E4

 84E8DB

 E0E8E7

 6CE8D8

 F8E8EA

 55E8D5

 FFE8ED

 3EE8D2

 FFE8F0

 27E8CF

 FFE8F3

 10E8CC

 FFE8F6

 00E8CA

 FFE8F9

 FFE8FC

Harmonies

Analogous

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



C0E7CF



B2E8E1



B0E7F2

Triad

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



B2E8E1



E6D8FA



F8D8BD

Complementary

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



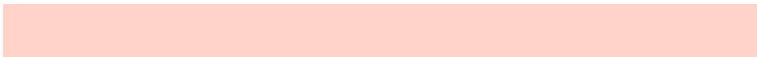
B2E8E1



E8B2B9

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.



FFD3C9



B2E8E1



F8D3EC

Square

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



B2E8E1



CFDEFF



FFD1DA



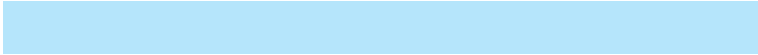
E8DEBA

Rectangle

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



B2E8E1



B5E5FB



FFD1DA



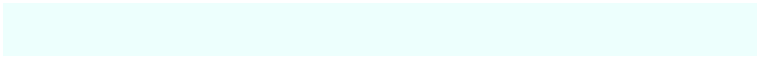
FCD6C0

Sweetspot

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



B2E8E1



EDFFFD



B9E8B2



75807E



000000



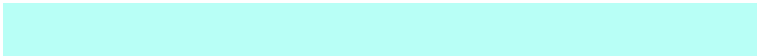
808080

Same Dimension

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



B2E8E1



B8FFF6



B2D4E8



677371



00B39B



00332C

Inverse Universe

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



E8B2B9



FFB8C1



E8C6B2



736769



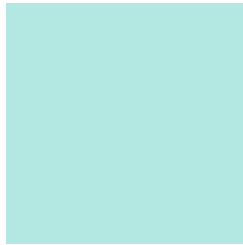
B30017



330007

Previews

White Background



This preview shows how the Hex color B2E8E1 looks on a white background.

Color Contrast Check

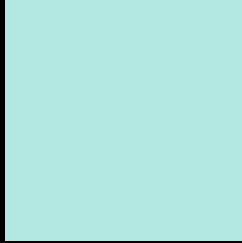
Large Text (above 18pt) WCAG AA × Fail

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 B2E8E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

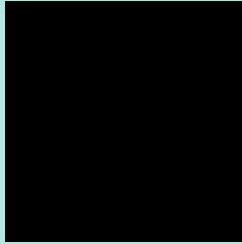
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

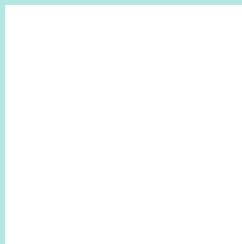
Any Text WCAG AAA ✓ Pass

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

Hex B2E8E1 Background



This preview shows how black text looks on a background with the Hex color B2E8E1.

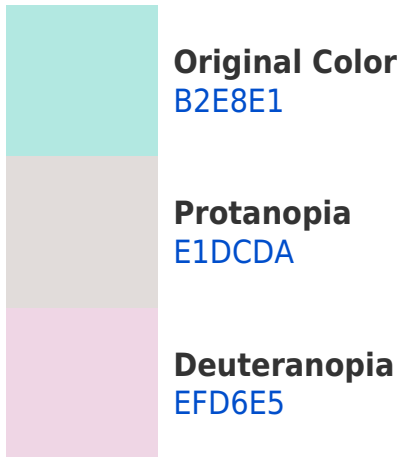


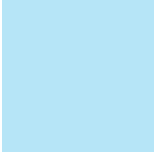
This preview shows how white text looks on a background with the Hex color B2E8E1.

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



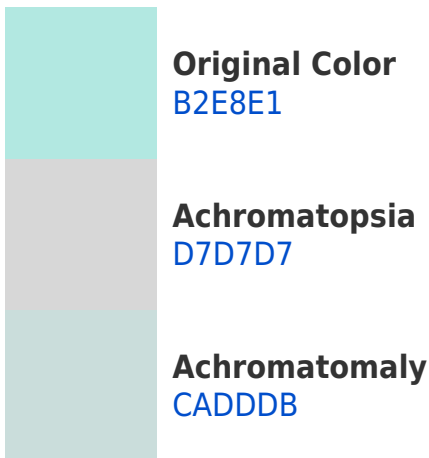


Tritanopia
B6E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2E8E1 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 #B2E8E1 looks like.

```
.text, #text, p{  
    color:#B2E8E1  
}
```

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 #B2E8E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E8E1
}
```

Border

The CSS property to change the border of an element to Hex B2E8E1 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
#B2E8E1 }
```

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

```
.border{ border-color:#B2E8E1 }
```

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

Here you see how a box with a 4 pixel #B2E8E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E8E1; -webkit-box-shadow:4px 4px  
4px 4px #B2E8E1; box-shadow:4px 4px 4px  
4px #B2E8E1 }
```

Background

The CSS property to change the background color of an element to Hex B2E8E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E8E1 }
```

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

```
.background{ background-color:#B2E8E1 }
```

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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