

Converting Colors

Hex(B2E8E2)

Have a look what the booklet for
Hex(B2E8E2) contains.

Hex(B2E8E2)	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(**B2E8E2**)

Conversions

Conversions Part 1

Format	Color
Hex	B2E8E2
RGB	178, 232, 226
RGB Percent	70%, 91%, 89%
CMY	0.3020, 0.0902, 0.1137
CMYK	0.23, 0.00, 0.03, 0.09
HSL	173°, 54%, 80%
HSV	173°, 23%, 91%
XYZ	60.9442, 72.6692, 82.7660
YIQ	215.1700, -30.2580, -13.3140

Conversions

Conversions Part 2

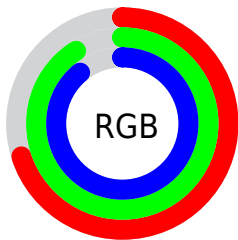
Format	Color
RYB	178, 207, 232
Decimal	11725026
CIELab	88.29, -18.37, -2.72
CIElCh	88, 18.568, 188.415
Yxy	72.6692, 0.2817, 0.3358
Android (android.graphics.Color)	4289915106 (0xFFB2E8E2)
YUV	215.1700, 5.3392, -32.5981
Hunter-Lab	85.2462, -21.5678, 2.1074

Details

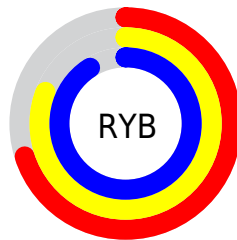
The Hex color **B2E8E2** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8B2B8**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **EBFFFF**, and **7CB0AB** is the 20% darker color. If you saturate the color by 10%, you get **9BE8DF**, and if you desaturate by 10%, it is **C9E8E5**.

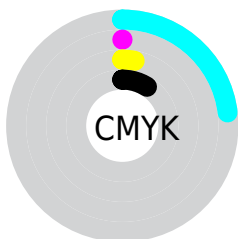
Distribution



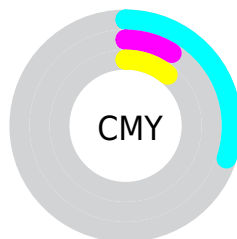
- Red (70%)
- Green (91%)
- Blue (89%)



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



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



- Cyan (30%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2E8E2 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 B2E8E2 by changing the saturation by 10% instead.

 B2E8E2

 B2E8E2

FFFFFF

 97CCC6

 EBFFFF

 7CB0AB

 629590

 497C77

 2F635E

 154A46

 003430

 001F1B

 000000

 B2E8E2

 B2E8E2

 9BE8DF

 C9E8E5

 84E8DD

 E0E8E7

 6CE8DA

 F8E8EA

 55E8D8

 FFE8EC

 3EE8D5

 FFE8EF

 27E8D3

 FFE8F1

 10E8D0

 FFE8F4

 00E8CE

 FFE8F7

 FFE8F9

Harmonies

Analogous

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



BFE7D0



B2E8E2



B0E7F3

Triad

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



B2E8E2



E7D7F9



F7D8BD

Complementary

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



B2E8E2



E8B2B8

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.



FFD3C8



B2E8E2



F9D3EB

Square

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



B2E8E2



D0DDFF



FFD1D9



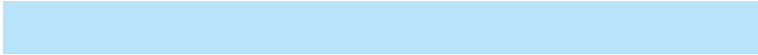
E7DEBB

Rectangle

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



B2E8E2



B7E4FB



FFD1D9



FCD6C0

Sweetspot

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



B2E8E2



EDFFFD



B8E8B2



75807E



000000



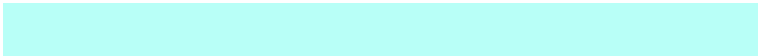
808080

Same Dimension

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



B2E8E2



B8FFF7



B2D3E8



677371



00B39F



00332D

Inverse Universe

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



E8B2B8



FFB8C0



E8C7B2



736769



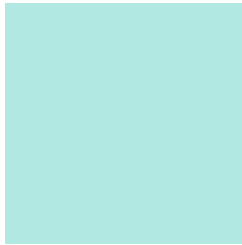
B30014



330006

Previews

White Background



This preview shows how the Hex color B2E8E2 looks on a white background.

Color Contrast Check

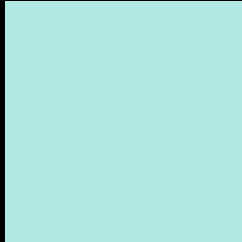
Large Text (above 18pt) WCAG AA × Fail

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 B2E8E2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

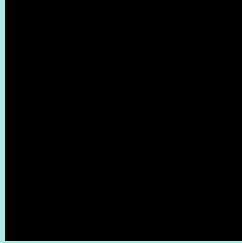
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

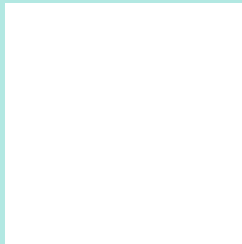
Any Text WCAG AAA ✓ Pass

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

Hex B2E8E2 Background



This preview shows how black text looks on a background with the Hex color B2E8E2.

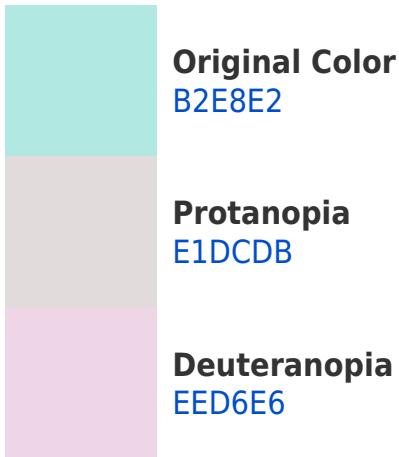


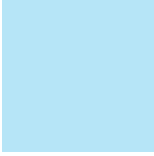
This preview shows how white text looks on a background with the Hex color B2E8E2.

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



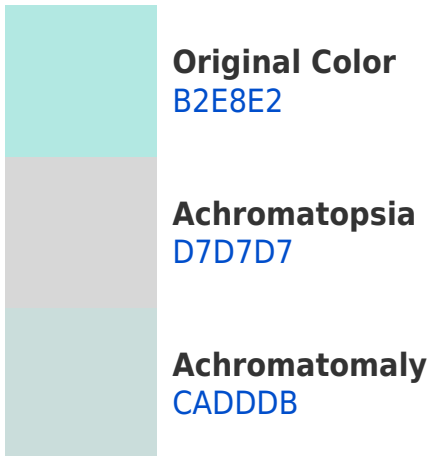


Tritanopia
B6E5F7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2E8E2 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 #B2E8E2 looks like.

```
.text, #text, p{  
    color:#B2E8E2  
}
```

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 #B2E8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2E8E2
}
```

Border

The CSS property to change the border of an element to Hex B2E8E2 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
#B2E8E2 }
```

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

```
.border{ border-color:#B2E8E2 }
```

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

Here you see how a box with a 4 pixel #B2E8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2E8E2; -webkit-box-shadow:4px 4px  
4px 4px #B2E8E2; box-shadow:4px 4px 4px  
4px #B2E8E2 }
```

Background

The CSS property to change the background color of an element to Hex B2E8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2E8E2 }
```

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

```
.background{ background-color:#B2E8E2 }
```

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