

Converting Colors

Hex(9CDEB0)

Have a look what the booklet for
Hex(9CDEB0) contains.

Hex(9CDEB0)	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(9CDEB0)

Conversions

Conversions Part 1

Format	Color
Hex	9CDEB0
RGB	156, 222, 176
RGB Percent	61%, 87%, 69%
CMY	0.3882, 0.1294, 0.3098
CMYK	0.30, 0.00, 0.21, 0.13
HSL	138°, 50%, 74%
HSV	138°, 30%, 87%
XYZ	47.6681, 62.4451, 50.6150
YIQ	197.0220, -24.5700, -28.2980

Conversions

Conversions Part 2

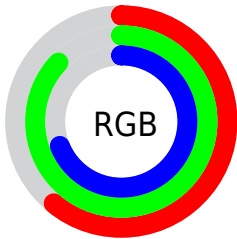
Format	Color
RYB	156, 207, 222
Decimal	10280624
CIELab	83.15, -30.12, 16.02
CIELCh	83, 34.111, 151.994
Yxy	62.4451, 0.2966, 0.3885
Android (android.graphics.Color)	4288470704 (0xFF9CDEB0)
YUV	197.0220, -10.3638, -35.9763
Hunter-Lab	79.0222, -30.6134, 17.3393

Details

The Hex color **9CDEB0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DE9CCA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **D4FFE8**, and **67A77B** is the 20% darker color. If you saturate the color by 10%, you get **86DEA1**, and if you desaturate by 10%, it is **B2DEBF**.

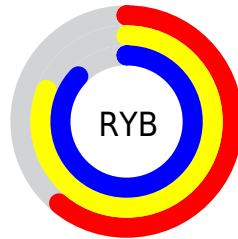
Distribution



Red (61%)

Green (87%)

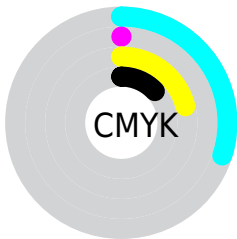
Blue (69%)



Red (61%)

Yellow (81%)

Blue (87%)

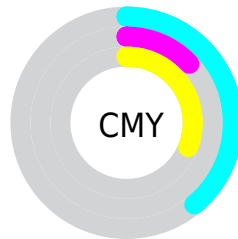


Cyan (30%)

Magenta (0%)

Yellow (21%)

Black (13%)



Cyan (39%)

Magenta (13%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CDEB0 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 9CDEB0 by changing the saturation by 10% instead.

 9CDEB0

 9CDEB0

FFFFFF

 81C295

 D4FFE8

 67A77B

 F1FFFF

 4D8C62

 33724A

 185933

 00411E

 002B07

 001300

 000000

 9CDEB0

 9CDEB0

 86DEA1

 B2DEBF

 70DE91

 C8DECF

 59DE82

 DFDEDE

 43DE72

 F5DEEE

 2DDE63

 FFDEFD

 17DE53

 FFDEFF

 01DE44

 00DE43

Harmonies

Analogous

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



C1D798



9CDEB0



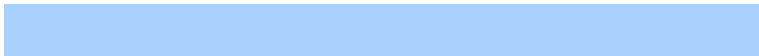
79E1D0

Triad

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



9CDEB0



A9D1FF



FFBAAF

Complementary

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



9CDEB0



DE9CCA

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.



FFB7CE



9CDEB0



D7C6FF

Square

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



9CDEB0



7DDAFF



FABCEE



FFC397

Rectangle

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



9CDEB0



6BE1E6



FABCEE



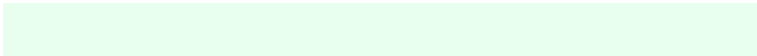
FFB8B9

Sweetspot

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



9CDEB0



E8FFEF



CADE9C



718076



000000



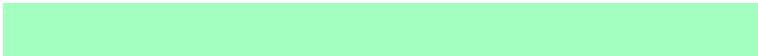
808080

Same Dimension

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



9CDEB0



A3FFBF



9CDED1



657068



00B035



00300F

Inverse Universe

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



DE9CCA



FFA3E3



DE9CA9



70656D



B0007B



300022

Previews

White Background



This preview shows how the Hex color 9CDEB0 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 9CDEB0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

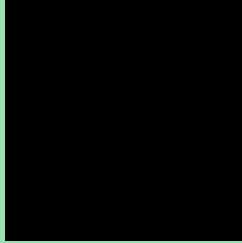
Any Text WCAG AA ✓ Pass

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 9CDEB0 Background



This preview shows how black text looks on a background with the Hex color 9CDEB0.

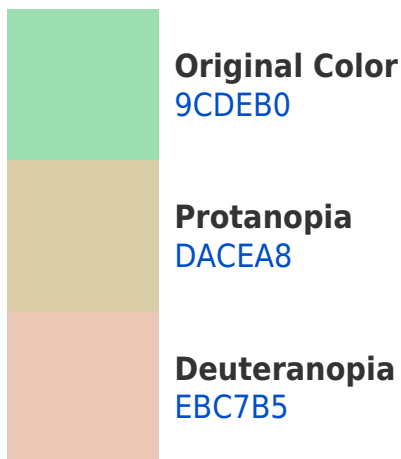


This preview shows how white text looks on a background with the Hex color 9CDEB0.

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](#).

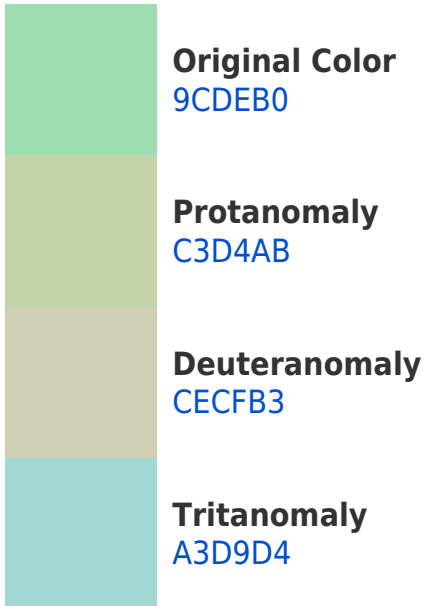
Dichromacy



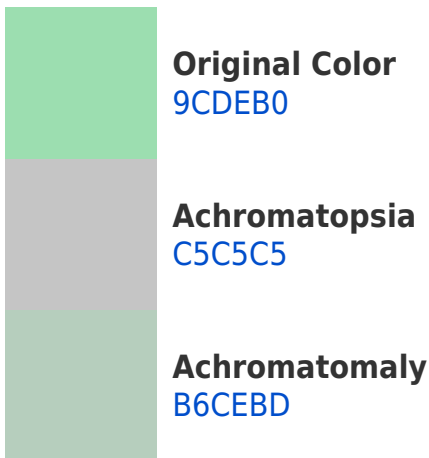


Tritanopia
A7D6E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9CDEB0 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 #9CDEB0 looks like.

```
.text, #text, p{  
    color:#9CDEB0  
}
```

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 #9CDEB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CDEB0
}
```

Border

The CSS property to change the border of an element to Hex 9CDEB0 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
#9CDEB0 }
```

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

```
.border{ border-color:#9CDEB0 }
```

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

Here you see how a box with a 4 pixel #9CDEB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CDEB0; -webkit-box-shadow:4px 4px  
4px 4px #9CDEB0; box-shadow:4px 4px 4px  
4px #9CDEB0 }
```

Background

The CSS property to change the background color of an element to Hex 9CDEB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CDEB0 }
```

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

```
.background{ background-color:#9CDEB0 }
```

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