

Converting Colors

Hex(9CD7E1)

Have a look what the booklet for
Hex(9CD7E1) contains.

Hex(9CD7E1)	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(9CD7E1)

Conversions

Conversions Part 1

Format	Color
Hex	9CD7E1
RGB	156, 215, 225
RGB Percent	61%, 84%, 88%
CMY	0.3882, 0.1569, 0.1176
CMYK	0.31, 0.04, 0.00, 0.12
HSL	189°, 53%, 75%
HSV	189°, 31%, 88%
XYZ	51.6013, 61.1050, 80.3089
YIQ	198.4990, -38.3740, -9.3980

Conversions

Conversions Part 2

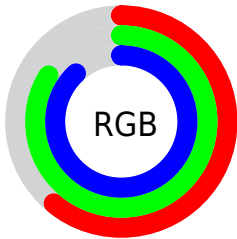
Format	Color
RYB	156, 188, 225
Decimal	10278881
CIELab	82.44, -16.40, -10.99
CIELCh	82, 19.739, 213.822
Yxy	61.1050, 0.2673, 0.3166
Android (android.graphics.Color)	4288468961 (0xFF9CD7E1)
YUV	198.4990, 13.0650, -37.2716
Hunter-Lab	78.1697, -18.9657, -6.1938

Details

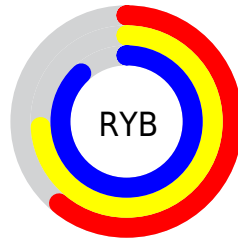
The Hex color **9CD7E1** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E1A69C**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **D4FFFF**, and **66A0AA** is the 20% darker color. If you saturate the color by 10%, you get **86D4E1**, and if you desaturate by 10%, it is **B3DAE1**.

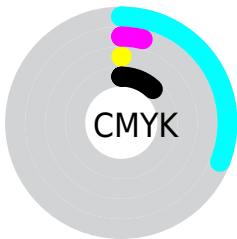
Distribution



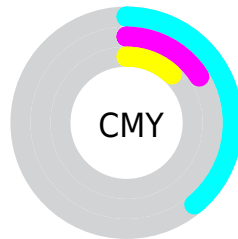
- Red (61%)
- Green (84%)
- Blue (88%)



- Red (61%)
- Yellow (74%)
- Blue (88%)



- Cyan (31%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (39%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CD7E1 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 9CD7E1 by changing the saturation by 10% instead.

 9CD7E1

 9CD7E1

FFFFFF

 81BBC5

 D4FFFF

 66A0AA

 F1FFFF

 4C868F

 316D76

 12545D

 003D45

 00272F

 00111B

 000000

9CD7E1

9CD7E1

86D4E1

B3DAE1

6FD0E1

C9DEE1

59CDE1

E0E1E1

42CAE1

F6E4E1

2CC7E1

FFE7E1

15C3E1

FFEBE1

00C0E1

FFEEE1

FFF1E1

FFF4E1

Harmonies

Analogous

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



A0D8CF



9CD7E1



A6D3EE

Triad

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



9CD7E1



E8C2DE



D9CDA8

Complementary

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



9CD7E1



E1A69C

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.



EAC7AC



9CD7E1



F3C0CB

Square

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



9CD7E1



D4C8EC



F3C2B9



C5D2AE

Rectangle

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



9CD7E1



B4D0F1



F3C2B9



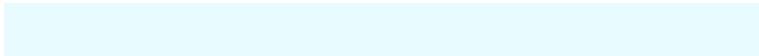
E0CBA9

Sweetspot

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



9CD7E1



E8FCFF



9CE1A5



717D80



000000



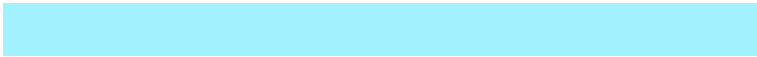
808080

Same Dimension

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



9CD7E1



A1F1FF



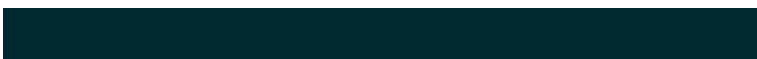
9CB5E1



656F70



0096B0



002930

Inverse Universe

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



E19CD7



FFA1F1



E1C89C



70656F



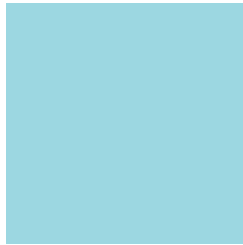
B00096



300029

Previews

White Background



This preview shows how the Hex color 9CD7E1 looks on a white background.

Color Contrast Check

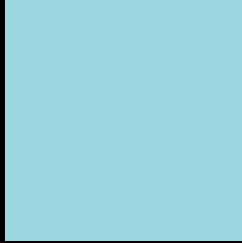
Large Text (above 18pt) WCAG AA × Fail

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 9CD7E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

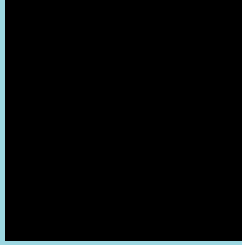
Any Text WCAG AA ✓ Pass

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 9CD7E1 Background



This preview shows how black text looks on a background with the Hex color 9CD7E1.

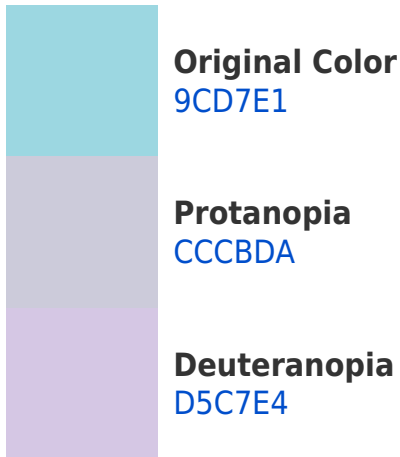


This preview shows how white text looks on a background with the Hex color 9CD7E1.

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



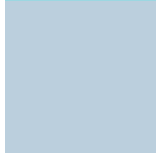


Tritanopia
9DD6E7

Trichromacy



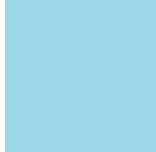
Original Color
9CD7E1



Protanomaly
BBCFDD

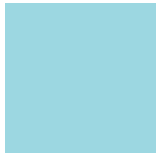


Deuteranomaly
C0CDE3

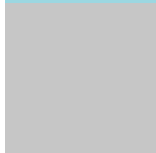


Tritanomaly
9DD6E5

Monochromacy



Original Color
9CD7E1



Achromatopsia
C6C6C6



Achromatomaly
B7CCD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CD7E1 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 #9CD7E1 looks like.

```
.text, #text, p{  
    color:#9CD7E1  
}
```

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 #9CD7E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CD7E1
}
```

Border

The CSS property to change the border of an element to Hex 9CD7E1 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
#9CD7E1 }
```

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

```
.border{ border-color:#9CD7E1 }
```

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

Here you see how a box with a 4 pixel #9CD7E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CD7E1; -webkit-box-shadow:4px 4px  
4px 4px #9CD7E1; box-shadow:4px 4px 4px  
4px #9CD7E1 }
```

Background

The CSS property to change the background color of an element to Hex 9CD7E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CD7E1 }
```

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

```
.background{ background-color:#9CD7E1 }
```

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