

Converting Colors

Hex(91DBC5)

Have a look what the booklet for
Hex(91DBC5) contains.

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Color

Hex(91DBC5)

Conversions

Conversions Part 1

Format	Color
Hex	91DBC5
RGB	145, 219, 197
RGB Percent	57%, 86%, 77%
CMY	0.4314, 0.1412, 0.2275
CMYK	0.34, 0.00, 0.10, 0.14
HSL	162°, 51%, 71%
HSV	162°, 34%, 86%
XYZ	47.0866, 60.7140, 62.0606
YIQ	194.3660, -37.0420, -22.5300

Conversions

Conversions Part 2

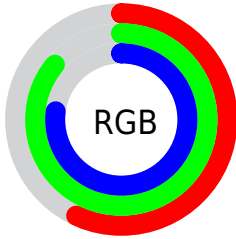
Format	Color
RYB	145, 188, 219
Decimal	9558981
CIELab	82.22, -27.75, 3.53
CIELCh	82, 27.976, 172.754
Yxy	60.7140, 0.2772, 0.3574
Android (android.graphics.Color)	4287749061 (0xFF91DBC5)
YUV	194.3660, 1.2986, -43.2940
Hunter-Lab	77.9192, -28.4909, 7.3205

Details

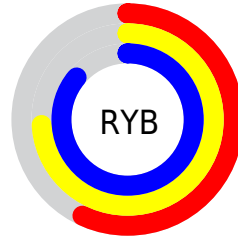
The Hex color **91DBC5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB91A7**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C9FFFE**, and **5BA48F** is the 20% darker color. If you saturate the color by 10%, you get **7BDBBE**, and if you desaturate by 10%, it is **A7DBCC**.

Distribution



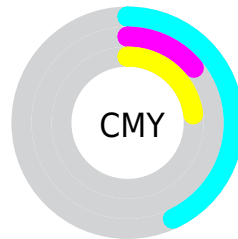
- Red (57%)
- Green (86%)
- Blue (77%)



- Red (57%)
- Yellow (74%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (43%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91DBC5 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 91DBC5 by changing the saturation by 10% instead.

 91DBC5

 91DBC5

FFFFFF

 76BFAA

 C9FFFE

 5BA48F

 E6FFFF


 408976

 246F5D

 005746

 003F2F

 00281A

 000F00

 000000

 91DBC5

 91DBC5

 7BDBBE

 A7DBCC

 65DBB8

 BDDBD2

 4FDDB1

 D3DBD9

 39DBAB

 E9DBDF

 24DBA4

 FEDBE6

 0EDB9E

 FFDBEC

 00DB9A

 FFDBF3

 FFDBF9

 FFDBFF

Harmonies

Analogous

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



ADD8AC



91DBC5



81DBE0

Triad

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



91DBC5



C8C8FD



FAC0A4

Complementary

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



91DBC5



DB91A7

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.



FFBAB9



91DBC5



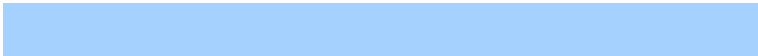
E8BFED

Square

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



91DBC5



A4D1FF



FDBAD4



E6C999

Rectangle

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



91DBC5



82D9EF



FDBAD4



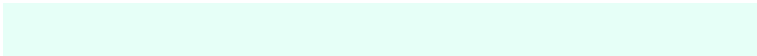
FEBEAA

Sweetspot

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



91DBC5



E6FFF7



A7DB91



70807B



000000



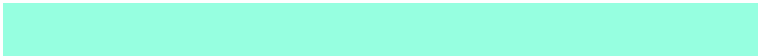
808080

Same Dimension

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



91DBC5



96FFE0



91CCDB



636E6A



00AD7A



002E20

Inverse Universe

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



DB91A7



FF96B6



DBA091



6E6366



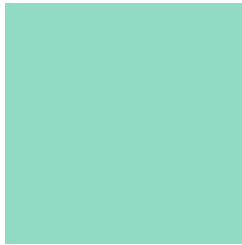
AD0034



2E000E

Previews

White Background



This preview shows how the Hex color 91DBC5 looks on a white background.

Color Contrast Check

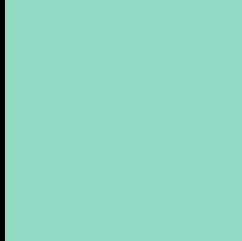
Large Text (above 18pt) WCAG AA × Fail

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 91DBC5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

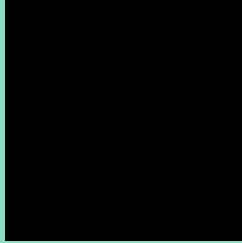
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

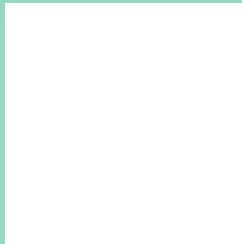
Any Text WCAG AAA ✓ Pass

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

Hex 91DBC5 Background



This preview shows how black text looks on a background with the Hex color 91DBC5.

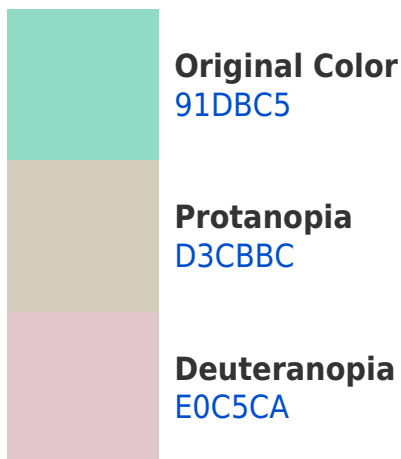


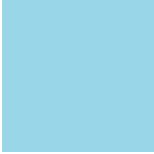
This preview shows how white text looks on a background with the Hex color 91DBC5.

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
99D6E7

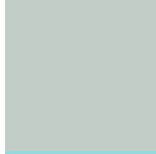
Trichromacy



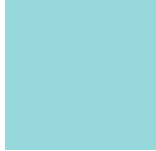
Original Color
91DBC5



Protanomaly
BBD1BF



Deuteranomaly
C3CDC8

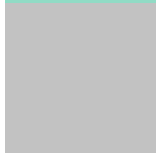


Tritanomaly
96D8DB

Monochromacy



Original Color
91DBC5



Achromatopsia
C2C2C2



Achromatomaly
B0CBC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 91DBC5 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 #91DBC5 looks like.

```
.text, #text, p{  
    color:#91DBC5  
}
```

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 #91DBC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DBC5
}
```

Border

The CSS property to change the border of an element to Hex 91DBC5 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
#91DBC5 }
```

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

```
.border{ border-color:#91DBC5 }
```

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

Here you see how a box with a 4 pixel #91DBC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DBC5; -webkit-box-shadow:4px 4px  
4px 4px #91DBC5; box-shadow:4px 4px 4px  
4px #91DBC5 }
```

Background

The CSS property to change the background color of an element to Hex 91DBC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DBC5 }
```

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

```
.background{ background-color:#91DBC5 }
```

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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