

Converting Colors

Hex(91C7AA)

Have a look what the booklet for
Hex(91C7AA) contains.

Hex(91C7AA)	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(91C7AA)

Conversions

Conversions Part 1

Format	Color
Hex	91C7AA
RGB	145, 199, 170
RGB Percent	57%, 78%, 67%
CMY	0.4314, 0.2196, 0.3333
CMYK	0.27, 0.00, 0.15, 0.22
HSL	148°, 33%, 67%
HSV	148°, 27%, 78%
XYZ	39.3562, 49.7689, 45.5623
YIQ	179.5480, -22.8750, -20.4670

Conversions

Conversions Part 2

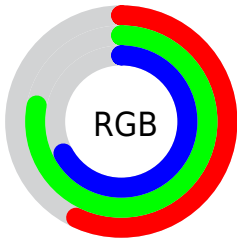
Format	Color
RYB	145, 182, 199
Decimal	9553834
CIELab	75.93, -23.56, 8.90
CIELCh	76, 25.190, 159.305
Yxy	49.7689, 0.2922, 0.3695
Android (android.graphics.Color)	4287743914 (0xFF91C7AA)
YUV	179.5480, -4.7072, -30.2986
Hunter-Lab	70.5471, -23.8773, 11.0909

Details

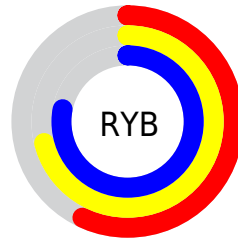
The Hex color **91C7AA** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C791AE**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C8FFE1**, and **5D9176** is the 20% darker color. If you saturate the color by 10%, you get **7DC79F**, and if you desaturate by 10%, it is **A5C7B5**.

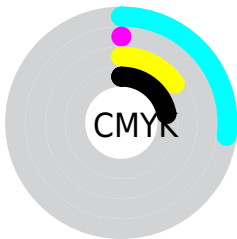
Distribution



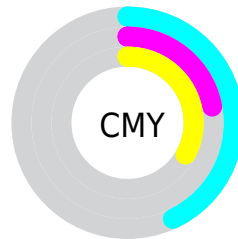
- Red (57%)
- Green (78%)
- Blue (67%)



- Red (57%)
- Yellow (71%)
- Blue (78%)



- Cyan (27%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)



- Cyan (43%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91C7AA 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 91C7AA by changing the saturation by 10% instead.

 91C7AA

 91C7AA

FFFFFF

 77AC90

 C8FFE1

 5D9176

 E4FFFE

 44775D

 2B5E46

 11462F

 002F1A

 001C00

 000000

 91C7AA

 91C7AA

 7DC79F

 A5C7B5

 69C795

 B9C7BF

 55C78A

 CDC7CA

 41C77F

 E1C7D5

 2DC775

 F5C7DF

 1AC76A

 FFC7EA

 06C75F

 FFC7F5

 00C75C

 FFC7FF

Harmonies

Analogous

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



ABC397



91C7AA



7DC8C2

Triad

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



91C7AA



A9BBE9



E8AE9F

Complementary

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



91C7AA



C791AE

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.



EAAAB5



91C7AA



C8B3DF

Square

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



91C7AA



8BC2E6



DFACCC



DBB490

Rectangle

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



91C7AA



78C8D1



DFACCC



EAACA5

Sweetspot

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



91C7AA



EBFFF4



AFC791



738079



000000



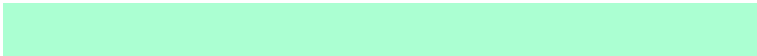
808080

Same Dimension

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



91C7AA



ABFFD2



91C7C4



5A635E



00A34C



002411

Inverse Universe

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



C791AE



FFABD8



C79194



635A5F



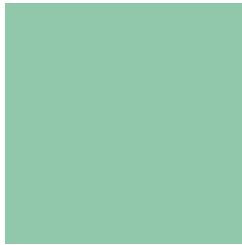
A30058



240013

Previews

White Background



This preview shows how the Hex color 91C7AA looks on a white background.

Color Contrast Check

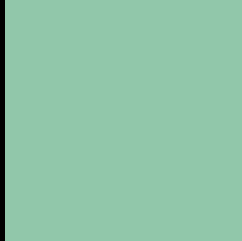
Large Text (above 18pt) WCAG AA × Fail

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 91C7AA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

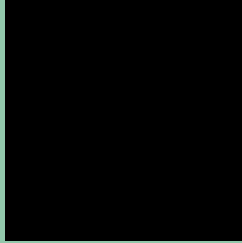
Any Text WCAG AA ✓ Pass

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 91C7AA Background



This preview shows how black text looks on a background with the Hex color 91C7AA.

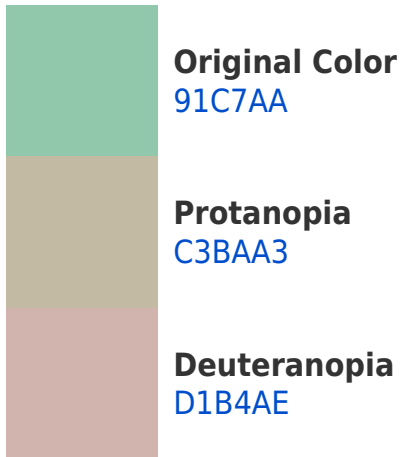


This preview shows how white text looks on a background with the Hex color 91C7AA.

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](#).

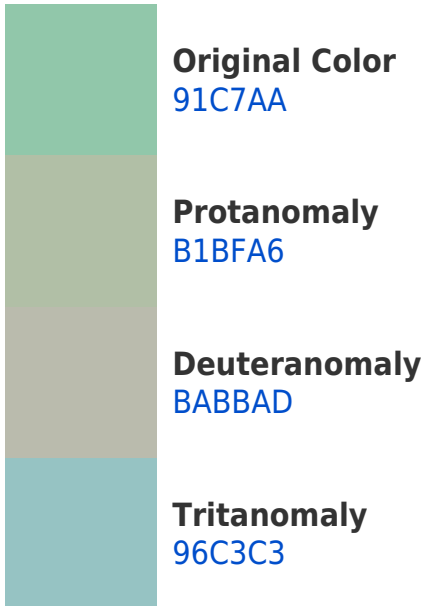
Dichromacy



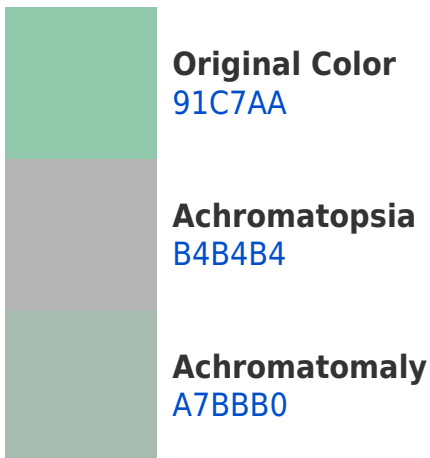


Tritanopia
99C1D1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91C7AA 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 #91C7AA looks like.

```
.text, #text, p{  
    color:#91C7AA  
}
```

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 #91C7AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91C7AA
}
```

Border

The CSS property to change the border of an element to Hex 91C7AA 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
#91C7AA }
```

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

```
.border{ border-color:#91C7AA }
```

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

Here you see how a box with a 4 pixel #91C7AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91C7AA; -webkit-box-shadow:4px 4px  
4px 4px #91C7AA; box-shadow:4px 4px 4px  
4px #91C7AA }
```

Background

The CSS property to change the background color of an element to Hex 91C7AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91C7AA }
```

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

```
.background{ background-color:#91C7AA }
```

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