

Converting Colors

Hex(90E9B8)

Have a look what the booklet for
Hex(90E9B8) contains.

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Color

Hex(90E9B8)

Conversions

Conversions Part 1

Format	Color
Hex	90E9B8
RGB	144, 233, 184
RGB Percent	56%, 91%, 72%
CMY	0.4353, 0.0863, 0.2784
CMYK	0.38, 0.00, 0.21, 0.09
HSL	147°, 67%, 74%
HSV	147°, 38%, 91%
XYZ	49.2922, 67.6678, 55.8106
YIQ	200.8030, -37.3150, -34.1070

Conversions

Conversions Part 2

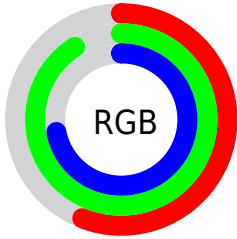
Format	Color
RYB	144, 205, 233
Decimal	9497016
CIELab	85.84, -37.25, 15.53
CIELCh	86, 40.358, 157.374
Yxy	67.6678, 0.2853, 0.3917
Android (android.graphics.Color)	4287687096 (0xFF90E9B8)
YUV	200.8030, -8.2839, -49.8162
Hunter-Lab	82.2604, -36.9947, 17.3563

Details

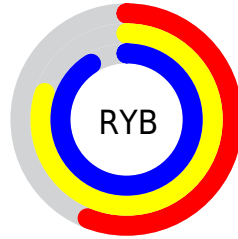
The Hex color **90E9B8** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E990C1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C9FFF0**, and **59B183** is the 20% darker color. If you saturate the color by 10%, you get **79E9AB**, and if you desaturate by 10%, it is **A7E9C5**.

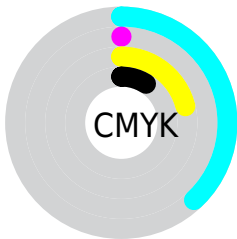
Distribution



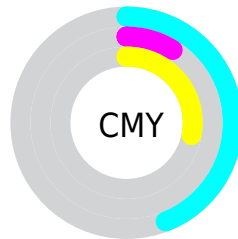
- Red (56%)
- Green (91%)
- Blue (72%)



- Red (56%)
- Yellow (80%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (21%)
- Black (9%)



- Cyan (44%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E9B8 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 90E9B8 by changing the saturation by 10% instead.

 90E9B8

 90E9B8

FFFFFF

 74CD9D

 C9FFF0

 59B183

 E6FFFF

 3D966A

 1E7B51

 00623A

 004924

 00320F

 001D00

 000000

 90E9B8

 90E9B8

 79E9AB

 A7E9C5

 61E99E

 BFE9D2

 4AE992

 D6E9DE

 33E985

 EDE9EB

 1BE978

 FFE9F8

 04E96B

 FFE9FF

 00E969

Harmonies

Analogous

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



BEE299



90E9B8



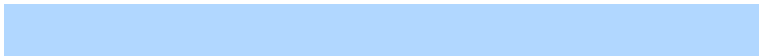
63ECDf

Triad

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



90E9B8



B1D7FF



FFBFAA

Complementary

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



90E9B8



E990C1

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.



FFB9CE



90E9B8



E8C9FF

Square

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



90E9B8



75E3FF



FFBEF5



FFCA91

Rectangle

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



90E9B8



4FEBF8



FFBEF5



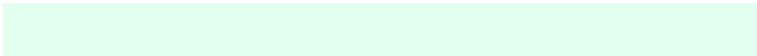
FFBCB5

Sweetspot

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



90E9B8



E3FFF0



C2E990



6F8076



000000



808080

Same Dimension

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



90E9B8



8AFFBE



90E9E3



6A756F



00B551



003618

Inverse Universe

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



E990C1



FF8ACA



E99096



756A70



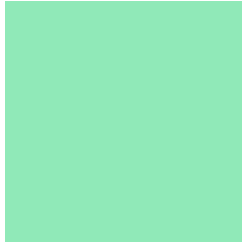
B50064



36001D

Previews

White Background



This preview shows how the Hex color 90E9B8 looks on a white background.

Color Contrast Check

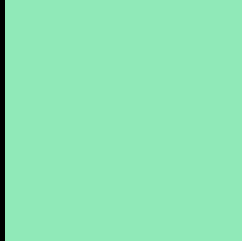
Large Text (above 18pt) WCAG AA × Fail

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 90E9B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

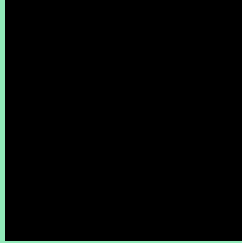
Any Text WCAG AA ✓ Pass

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 90E9B8 Background



This preview shows how black text looks on a background with the Hex color 90E9B8.

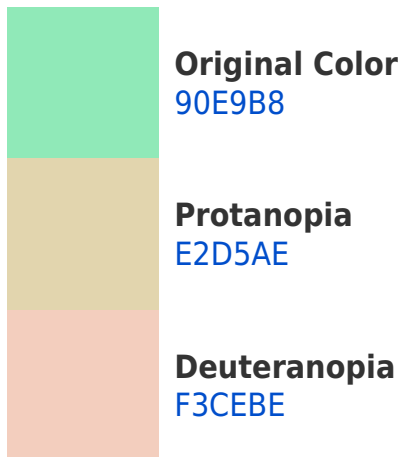


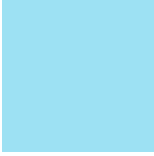
This preview shows how white text looks on a background with the Hex color 90E9B8.

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



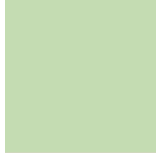


Tritanopia
9DE1F3

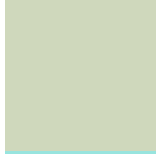
Trichromacy



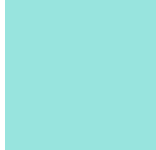
Original Color
90E9B8



Protanomaly
C4DCB2



Deuteranomaly
CFD8BC

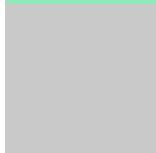


Tritanomaly
98E4DE

Monochromacy



Original Color
90E9B8



Achromatopsia
C9C9C9



Achromatomaly
B4D5C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E9B8 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 #90E9B8 looks like.

```
.text, #text, p{  
    color:#90E9B8  
}
```

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 #90E9B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E9B8
}
```

Border

The CSS property to change the border of an element to Hex 90E9B8 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
#90E9B8 }
```

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

```
.border{ border-color:#90E9B8 }
```

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

Here you see how a box with a 4 pixel #90E9B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E9B8; -webkit-box-shadow:4px 4px  
4px 4px #90E9B8; box-shadow:4px 4px 4px  
4px #90E9B8 }
```

Background

The CSS property to change the background color of an element to Hex 90E9B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E9B8 }
```

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

```
.background{ background-color:#90E9B8 }
```

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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