

Converting Colors

Hex(90EBC1)

Have a look what the booklet for
Hex(90EBC1) contains.

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Color

Hex(90EBC1)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 90EBC1 |
| RGB | 144, 235, 193 |
| RGB Percent | 56%, 92%, 76% |
| CMY | 0.4353, 0.0784, 0.2431 |
| CMYK | 0.39, 0.00, 0.18, 0.08 |
| HSL | 152°, 69%, 74% |
| HSV | 152°, 39%, 92% |
| XYZ | 50.8356, 69.1962, 61.1290 |
| YIQ | 203.0030, -40.7540, -32.3540 |

Conversions

Conversions Part 2

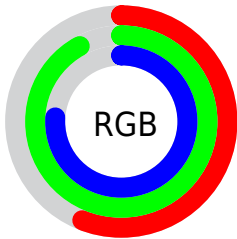
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 144, 203, 235 |
| Decimal | 9497537 |
| CIELab | 86.60, -36.38, 11.91 |
| CIElCh | 87, 38.282, 161.877 |
| Yxy | 69.1962, 0.2806, 0.3820 |
| Android (android.graphics.Color) | 4287687617 (0xFF90EBC1) |
| YUV | 203.0030, -4.9315, -51.7456 |
| Hunter-Lab | 83.1843, -36.4875, 14.6590 |

Details

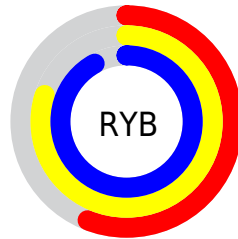
The Hex color **90EBC1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB90BA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C9FFF9**, and **59B38B** is the 20% darker color. If you saturate the color by 10%, you get **79EBB6**, and if you desaturate by 10%, it is **A8EBCC**.

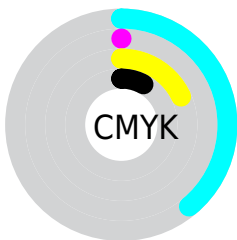
Distribution



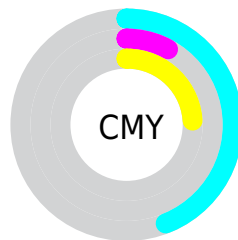
- Red (56%)
- Green (92%)
- Blue (76%)



- Red (56%)
- Yellow (80%)
- Blue (92%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (44%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90EBC1 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 90EBC1 by changing the saturation by 10% instead.

 90EBC1

 90EBC1

FFFFFF

 74CFA6

 C9FFF9

 59B38B

 E6FFFF

 3C9872

 1C7D59

 006442

 004B2C

 003417

 001F00

 000000

 90EBC1

 90EBC1

 79EBB6

 A8EBCC

 61EBAB

 BFEBD7

 4AEBA0

 D7EBE2

 32EB96

 EEEBEC

 1BEB8B

 FFEBF7

 03EB80

 FFEBFF

 00EB7F

Harmonies

Analogous

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



BBE5A2



90EBC1



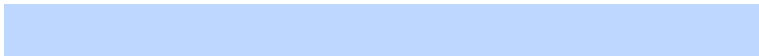
69EDE6

Triad

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



90EBC1



BED7FF



FFC4AA

Complementary

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



90EBC1



EB90BA

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.



FFBECB



90EBC1



F0CAFF

Square

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



90EBC1



87E3FF



FFC0F0



FFCF94

Rectangle

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



90EBC1



5EEBFE



FFC0F0



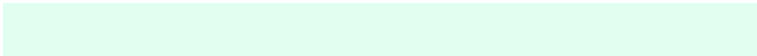
FFC1B4

Sweetspot

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



90EBC1



E0FFF1



BAEB90



6E8077



000000



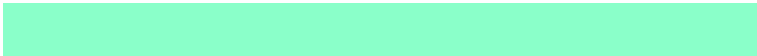
808080

Same Dimension

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



90EBC1



8AFFC9



90E8EB



6A7570



00B561



00361D

Inverse Universe

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



EB90BA



FF8AC0



EB9390



756A6F



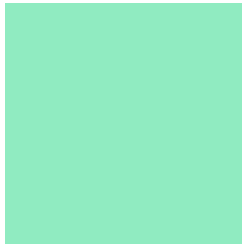
B50054



360019

Previews

White Background



This preview shows how the Hex color 90EBC1 looks on a white background.

Color Contrast Check

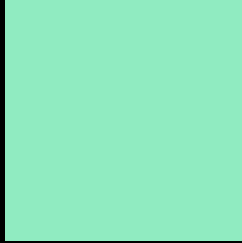
Large Text (above 18pt) WCAG AA × Fail

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 90EBC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

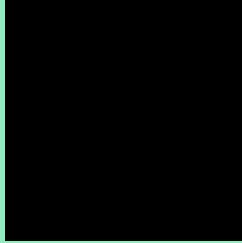
Any Text WCAG AA ✓ Pass

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 90EBC1 Background



This preview shows how black text looks on a background with the Hex color 90EBC1.

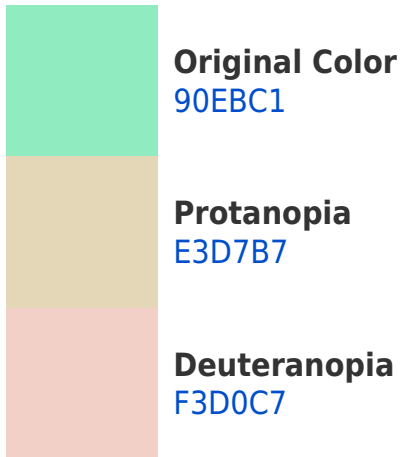


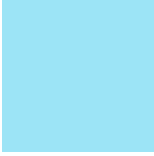
This preview shows how white text looks on a background with the Hex color 90EBC1.

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



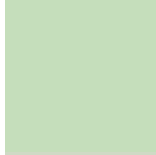


Tritanopia
9CE4F6

Trichromacy



Original Color
90EBC1



Protanomaly
C5DEBB



Deuteranomaly
CFDAC5

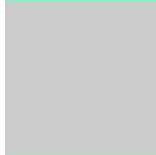


Tritanomaly
98E7E3

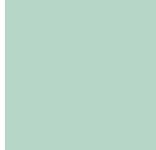
Monochromacy



Original Color
90EBC1



Achromatopsia
CBCBCB



Achromatomaly
B6D7C7

CSS Examples

Text

The CSS property to change the color of the text to Hex 90EBC1 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 #90EBC1 looks like.

```
.text, #text, p{  
    color:#90EBC1  
}
```

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 #90EBC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90EBC1
}
```

Border

The CSS property to change the border of an element to Hex 90EBC1 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
#90EBC1 }
```

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

```
.border{ border-color:#90EBC1 }
```

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

Here you see how a box with a 4 pixel #90EBC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90EBC1; -webkit-box-shadow:4px 4px  
4px 4px #90EBC1; box-shadow:4px 4px 4px  
4px #90EBC1 }
```

Background

The CSS property to change the background color of an element to Hex 90EBC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90EBC1 }
```

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

```
.background{ background-color:#90EBC1 }
```

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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