

Converting Colors

Hex(90E2C2)

Have a look what the booklet for
Hex(90E2C2) contains.

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Color

Hex(90E2C2)

Conversions

Conversions Part 1

Format	Color
Hex	90E2C2
RGB	144, 226, 194
RGB Percent	56%, 89%, 76%
CMY	0.4353, 0.1137, 0.2392
CMYK	0.36, 0.00, 0.14, 0.11
HSL	157°, 59%, 73%
HSV	157°, 36%, 89%
XYZ	48.4356, 64.2170, 60.8812
YIQ	197.8340, -38.6000, -27.3360

Conversions

Conversions Part 2

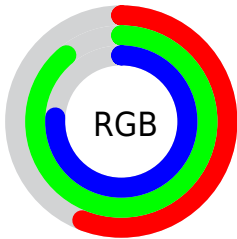
Format	Color
RYB	144, 195, 226
Decimal	9495234
CIELab	84.08, -32.00, 7.78
CIElCh	84, 32.933, 166.332
Yxy	64.2170, 0.2791, 0.3701
Android (android.graphics.Color)	4287685314 (0xFF90E2C2)
YUV	197.8340, -1.8902, -47.2124
Hunter-Lab	80.1355, -32.3481, 11.0506

Details

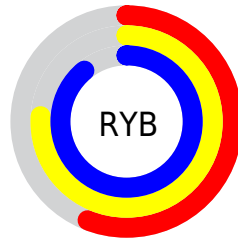
The Hex color **90E2C2** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E290B0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C8FFFA**, and **59AA8C** is the 20% darker color. If you saturate the color by 10%, you get **79E2B9**, and if you desaturate by 10%, it is **A7E2CB**.

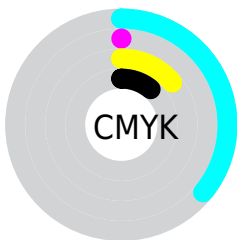
Distribution



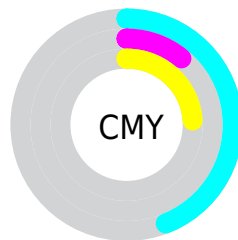
- Red (56%)
- Green (89%)
- Blue (76%)



- Red (56%)
- Yellow (76%)
- Blue (89%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (44%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E2C2 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 90E2C2 by changing the saturation by 10% instead.

 90E2C2

 90E2C2

FFFFFF

 75C6A7

 C8FFFA

 59AA8C

 E5FFFF

 3E8F73

 21755A

 005C43

 00442D

 002D18

 001700

 000000

 90E2C2

 90E2C2

 79E2B9

 A7E2CB

 63E2B0

 BDE2D4

 4CE2A8

 D4E2DC

 36E29F

 EAE2E5

 1FE296

 FFE2EE

 08E28D

 FFE2F7

 00E28A

 FFE2FF

Harmonies

Analogous

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



B3DDA6



90E2C2



75E3E2

Triad

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



90E2C2



C3CFFF



FFC1A6

Complementary

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



90E2C2



E290B0

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.



FFBBC2



90E2C2



EBC4FD

Square

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



90E2C2



96D9FF



FFBCE1



F5CB96

Rectangle

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



90E2C2



72E1F5



FFBCE1



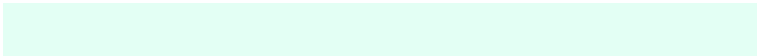
FFBEAE

Sweetspot

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



90E2C2



E3FFF4



B1E290



6F8079



000000



808080

Same Dimension

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



90E2C2



8FFFD3



90DAE2



65706C



00B06B



00301E

Inverse Universe

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



E290B0



FF8FBB



E29890



706569



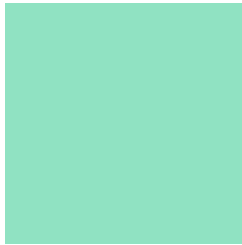
B00045



300013

Previews

White Background



This preview shows how the Hex color 90E2C2 looks on a white background.

Color Contrast Check

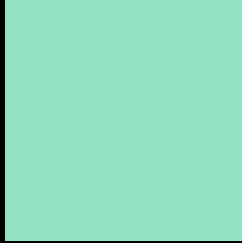
Large Text (above 18pt) WCAG AA × Fail

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 90E2C2 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

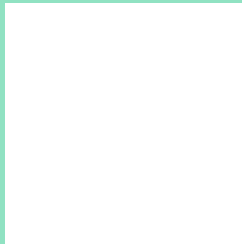
Any Text WCAG AAA ✓ Pass

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

Hex 90E2C2 Background



This preview shows how black text looks on a background with the Hex color 90E2C2.

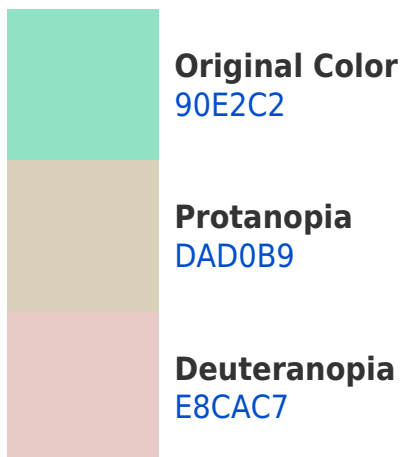


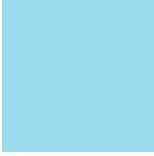
This preview shows how white text looks on a background with the Hex color 90E2C2.

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
9ADCED

Trichromacy



Original Color
90E2C2



Protanomaly
BFD7BC



Deuteranomaly
C8D3C5

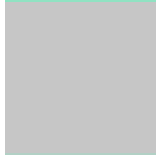


Tritanomaly
96DEDD

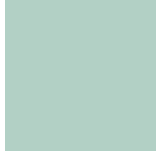
Monochromacy



Original Color
90E2C2



Achromatopsia
C6C6C6



Achromatomaly
B2D0C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E2C2 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 #90E2C2 looks like.

```
.text, #text, p{  
    color:#90E2C2  
}
```

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 #90E2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E2C2
}
```

Border

The CSS property to change the border of an element to Hex 90E2C2 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
#90E2C2 }
```

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

```
.border{ border-color:#90E2C2 }
```

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

Here you see how a box with a 4 pixel #90E2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E2C2; -webkit-box-shadow:4px 4px  
4px 4px #90E2C2; box-shadow:4px 4px 4px  
4px #90E2C2 }
```

Background

The CSS property to change the background color of an element to Hex 90E2C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E2C2 }
```

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

```
.background{ background-color:#90E2C2 }
```

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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