

Converting Colors

Hex(90E5CC)

Have a look what the booklet for
Hex(90E5CC) contains.

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Color

Hex(90E5CC)

Conversions

Conversions Part 1

Format	Color
Hex	90E5CC
RGB	144, 229, 204
RGB Percent	56%, 90%, 80%
CMY	0.4353, 0.1020, 0.2000
CMYK	0.37, 0.00, 0.11, 0.10
HSL	162°, 62%, 73%
HSV	162°, 37%, 90%
XYZ	50.4200, 66.3275, 67.2718
YIQ	200.7350, -42.6350, -25.7950

Conversions

Conversions Part 2

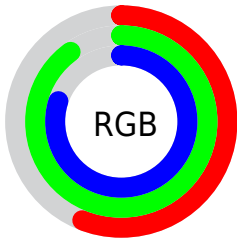
Format	Color
RYB	144, 194, 229
Decimal	9496012
CIELab	85.16, -31.29, 4.08
CIELCh	85, 31.559, 172.576
Yxy	66.3275, 0.2740, 0.3604
Android (android.graphics.Color)	4287686092 (0xFF90E5CC)
YUV	200.7350, 1.6096, -49.7566
Hunter-Lab	81.4417, -32.0149, 8.0350

Details

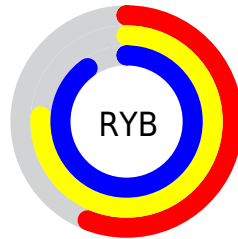
The Hex color **90E5CC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E590A9**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C9FFFF**, and **59AD96** is the 20% darker color. If you saturate the color by 10%, you get **79E5C5**, and if you desaturate by 10%, it is **A7E5D3**.

Distribution



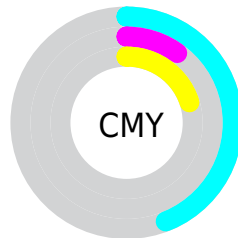
- Red (56%)
- Green (90%)
- Blue (80%)



- Red (56%)
- Yellow (76%)
- Blue (90%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (44%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E5CC 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 90E5CC by changing the saturation by 10% instead.

 90E5CC

 90E5CC

FFFFFF

 74C9B1

 C9FFFF

 59AD96

 E6FFFF

 3D927C

 1E7863

 005F4B

 004735

 003020

 001B08

 000000

 90E5CC

 90E5CC

 79E5C5

 A7E5D3

 62E5BF


 BEE5D9

 4BE5B8

 D5E5E0

 34E5B1

 ECE5E7

 1EE5AA

 FFE5EE

 07E5A4

 FFE5F4

 00E5A2

 FFE5FB

 FFE5FF

Harmonies

Analogous

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



B1E1B0



90E5CC



7CE5EB

Triad

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



90E5CC



CFD0FF



FFC7A7

Complementary

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



90E5CC



E590A9

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.



FFC0BF



90E5CC



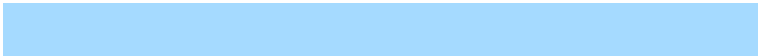
F4C6F9

Square

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



90E5CC



A5DAFF



FFC0DD



F1D09A

Rectangle

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



90E5CC



7DE3FC



FFC0DD



FFC4AE

Sweetspot

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



90E5CC



E3FFF7



AAE590



6F807B



000000



808080

Same Dimension

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



90E5CC



8CFFDD



90D4E5



67736F



00B37E



003324

Inverse Universe

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



E590A9



FF8CAE



E5A190



73676B



B30034



33000F

Previews

White Background



This preview shows how the Hex color 90E5CC looks on a white background.

Color Contrast Check

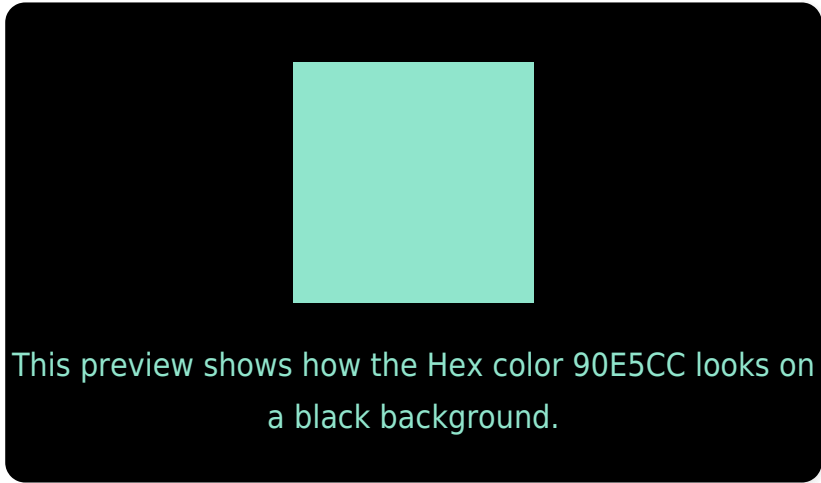
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

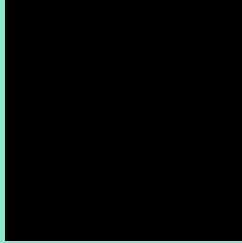
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

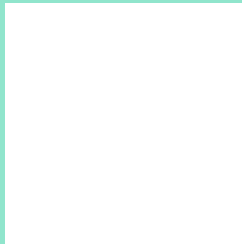
Any Text WCAG AAA ✓ Pass

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

Hex 90E5CC Background



This preview shows how black text looks on a background with the Hex color 90E5CC.

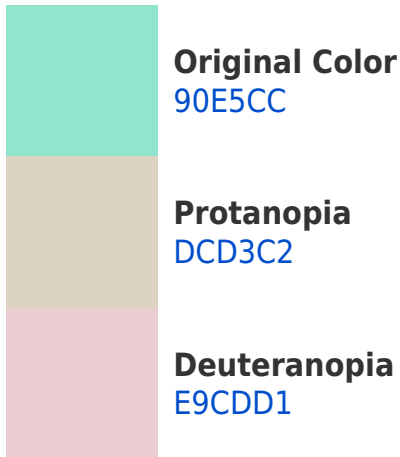


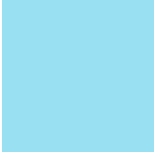
This preview shows how white text looks on a background with the Hex color 90E5CC.

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



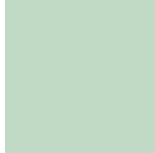


Tritanopia
99E0F2

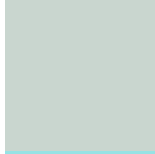
Trichromacy



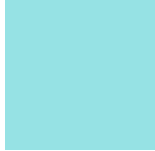
Original Color
90E5CC



Protanomaly
C0DAC6



Deuteranomaly
C9D6CF

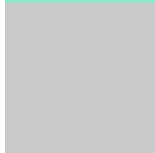


Tritanomaly
96E2E4

Monochromacy



Original Color
90E5CC



Achromatopsia
C9C9C9



Achromatomaly
B4D3CA

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E5CC 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 #90E5CC looks like.

```
.text, #text, p{  
    color:#90E5CC  
}
```

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 #90E5CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E5CC  
}
```

Border

The CSS property to change the border of an element to Hex 90E5CC 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  
#90E5CC }
```

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

```
.border{ border-color:#90E5CC }
```

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

Here you see how a box with a 4 pixel #90E5CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E5CC; -webkit-box-shadow:4px 4px  
4px 4px #90E5CC; box-shadow:4px 4px 4px  
4px #90E5CC }
```

Background

The CSS property to change the background color of an element to Hex 90E5CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E5CC }
```

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

```
.background{ background-color:#90E5CC }
```

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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