

Converting Colors

Hex(90ECE1)

Have a look what the booklet for
Hex(90ECE1) contains.

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Color

Hex(90ECE1)

Conversions

Conversions Part 1

Format	Color
Hex	90ECE1
RGB	144, 236, 225
RGB Percent	56%, 93%, 88%
CMY	0.4353, 0.0745, 0.1176
CMYK	0.39, 0.00, 0.05, 0.07
HSL	173°, 71%, 75%
HSV	173°, 39%, 93%
XYZ	55.0877, 71.3564, 82.1039
YIQ	207.2380, -51.3010, -22.9250

Conversions

Conversions Part 2

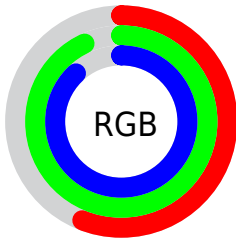
Format	Color
RYB	144, 193, 236
Decimal	9497825
CIELab	87.66, -29.92, -3.32
CIELCh	88, 30.107, 186.328
Yxy	71.3564, 0.2641, 0.3422
Android (android.graphics.Color)	4287687905 (0xFF90ECE1)
YUV	207.2380, 8.7567, -55.4597
Hunter-Lab	84.4727, -31.4211, 1.5036

Details

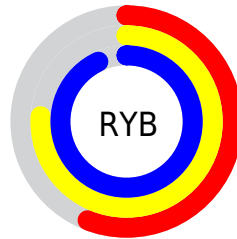
The Hex color **90ECE1** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **EC909B**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **C9FFFF**, and **57B4AA** is the 20% darker color. If you saturate the color by 10%, you get **78ECDE**, and if you desaturate by 10%, it is **A8ECE4**.

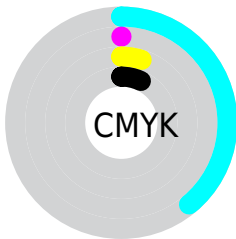
Distribution



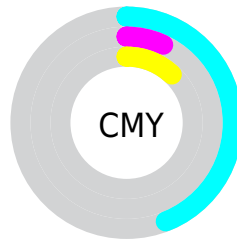
- Red (56%)
- Green (93%)
- Blue (88%)



- Red (56%)
- Yellow (76%)
- Blue (93%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90ECE1 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 90ECE1 by changing the saturation by 10% instead.

 90ECE1

 90ECE1

FFFFFF

 74D0C5

 C9FFFF

 57B4AA

 E7FFFF

 3A998F

 167F76

 00655D

 004D46

 00352F

 00221B

 000000

 90ECE1

 90ECE1

 78ECDE

 A8ECE4

 61ECDB

 BFECE7

 49ECD9

 D7ECE9

 32ECD6

 EEECEC

 1AECD3

 FFECEF

 02ECD0

 FFECF2

 00ECD0

 FFECF5

 FFECF8

 FFECEA

Harmonies

Analogous

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



ABEAC4



90ECE1



88EAFD

Triad

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



90ECE1



E8D2FF



FFD2A8

Complementary

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



90ECE1



EC909B

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.



FFCABB



90ECE1



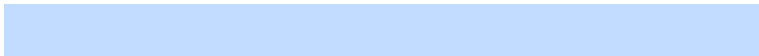
FFCAF3

Square

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



90ECE1



C1DCFF



FFC7D7



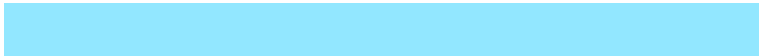
EBDCA3

Rectangle

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



90ECE1



92E7FF



FFC7D7



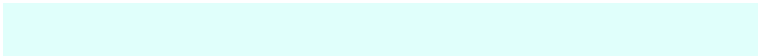
FFCFAD

Sweetspot

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



90ECE1



E0FFFB



9CEC90



6E807D



000000



808080

Same Dimension

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



90ECE1



87FFF1



90CAEC



6A7574



00B59F



00362F

Inverse Universe

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



EC909B



FF8795



ECB290



756A6B



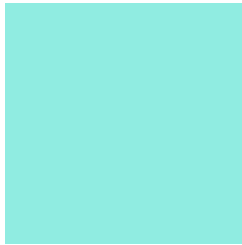
B50016



360006

Previews

White Background



This preview shows how the Hex color 90ECE1 looks on a white background.

Color Contrast Check

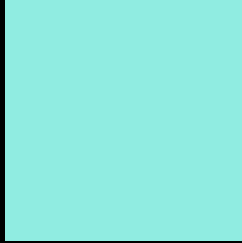
Large Text (above 18pt) WCAG AA × Fail

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 90ECE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

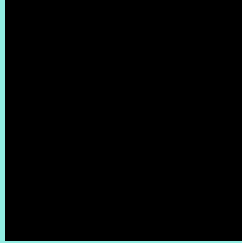
Any Text WCAG AA ✓ Pass

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 90ECE1 Background



This preview shows how black text looks on a background with the Hex color 90ECE1.



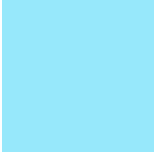
This preview shows how white text looks on a background with the Hex color 90ECE1.

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



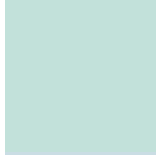


Tritanopia
97E8FB

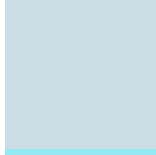
Trichromacy



Original Color
90ECE1



Protanomaly
C2E1DA



Deuteranomaly
CADDE4

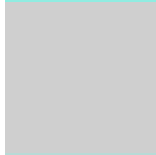


Tritanomaly
94E9F2

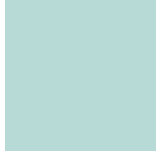
Monochromacy



Original Color
90ECE1



Achromatopsia
CFCFCF



Achromatomaly
B8DAD6

CSS Examples

Text

The CSS property to change the color of the text to Hex 90ECE1 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 #90ECE1 looks like.

```
.text, #text, p{  
    color:#90ECE1  
}
```

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 #90ECE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90ECE1  
}
```

Border

The CSS property to change the border of an element to Hex 90ECE1 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  
#90ECE1 }
```

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

```
.border{ border-color:#90ECE1 }
```

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

Here you see how a box with a 4 pixel #90ECE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90ECE1; -webkit-box-shadow:4px 4px  
4px 4px #90ECE1; box-shadow:4px 4px 4px  
4px #90ECE1 }
```

Background

The CSS property to change the background color of an element to Hex 90ECE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90ECE1 }
```

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

```
.background{ background-color:#90ECE1 }
```

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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