

Converting Colors

Hex(90E3E3)

Have a look what the booklet for
Hex(90E3E3) contains.

Hex(90E3E3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(90E3E3)

Conversions

Conversions Part 1

Format	Color
Hex	90E3E3
RGB	144, 227, 227
RGB Percent	56%, 89%, 89%
CMY	0.4353, 0.1098, 0.1098
CMYK	0.37, 0.00, 0.00, 0.11
HSL	180°, 60%, 73%
HSV	180°, 37%, 89%
XYZ	52.8358, 66.4135, 82.7074
YIQ	202.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

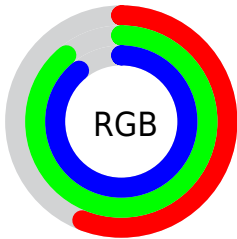
Format	Color
RYB	144, 186, 227
Decimal	9495523
CIELab	85.21, -25.12, -7.99
CIELCh	85, 26.358, 197.644
Yxy	66.4135, 0.2616, 0.3289
Android (android.graphics.Color)	4287685603 (0xFF90E3E3)
YUV	202.1830, 12.2348, -51.0265
Hunter-Lab	81.4945, -26.8874, -3.1263

Details

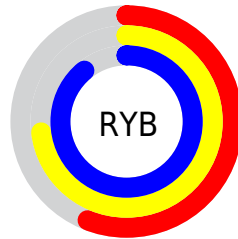
The Hex color **90E3E3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E39090**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **C9FFFF**, and **58ABAC** is the 20% darker color. If you saturate the color by 10%, you get **79E3E3**, and if you desaturate by 10%, it is **A7E3E3**.

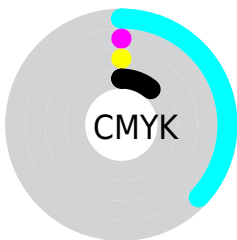
Distribution



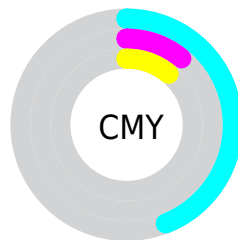
- Red (56%)
- Green (89%)
- Blue (89%)



- Red (56%)
- Yellow (73%)
- Blue (89%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 90E3E3 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 90E3E3 by changing the saturation by 10% instead.

 90E3E3

 90E3E3

FFFFFF

 74C7C7

 C9FFFF

 58ABAC

 E6FFFF

 3B9191

 1A7778

 005E5F

 004647

 002F31

 001C1C

 000000

90E3E3

90E3E3

79E3E3

A7E3E3

63E3E3

BDE3E3

4CE3E3

D4E3E3

35E3E3

EBE3E3

1EE3E3

FFE3E3

08E3E3

00E3E3

Harmonies

Analogous

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



A1E2C9



90E3E3



93E0F9

Triad

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



90E3E3



EBCAF7



F1D0A5

Complementary

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



90E3E3



E39090

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.



FFC8B1



90E3E3



FFC4E0

Square

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



90E3E3



CBD2FF



FFC3C7



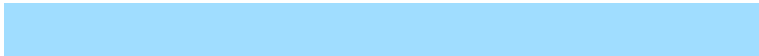
D8D8A5

Rectangle

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



90E3E3



A0DDFF



FFC3C7



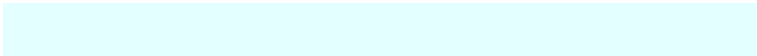
F8CDA7

Sweetspot

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



90E3E3



E3FFFF



90E390



6F8080



000000



808080

Same Dimension

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



90E3E3



8FFFFFF



90BAE3



677373



00B3B3



003333

Inverse Universe

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



E390E3



FF8FFF



E3BA90



736773



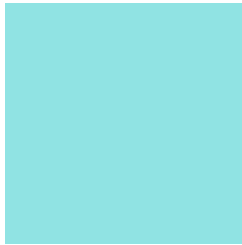
B300B3



330033

Previews

White Background



This preview shows how the Hex color 90E3E3 looks on a white background.

Color Contrast Check

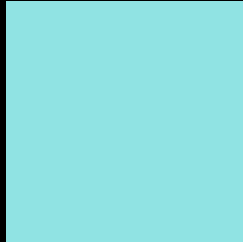
Large Text (above 18pt) WCAG AA × Fail

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 90E3E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

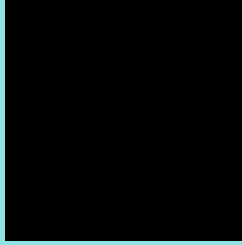
Any Text WCAG AA ✓ Pass

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 90E3E3 Background



This preview shows how black text looks on a background with the Hex color 90E3E3.

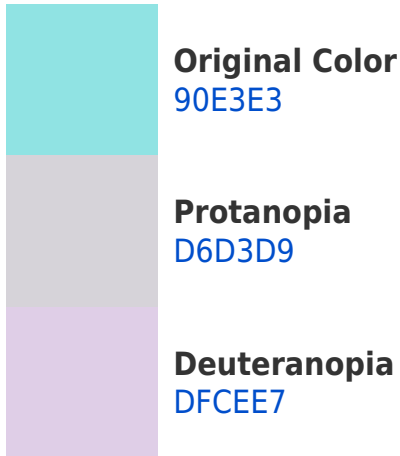


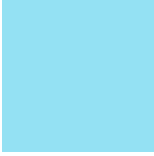
This preview shows how white text looks on a background with the Hex color 90E3E3.

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](#).

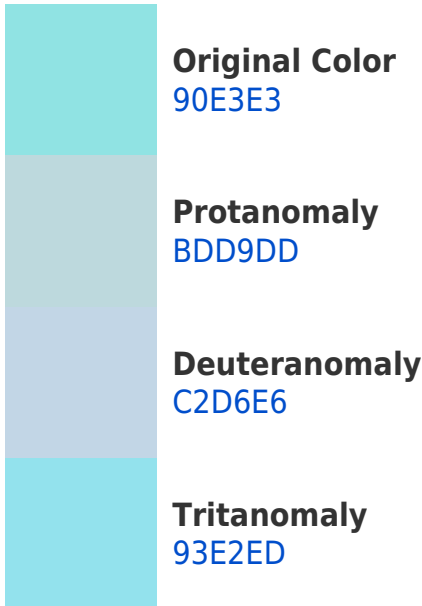
Dichromacy



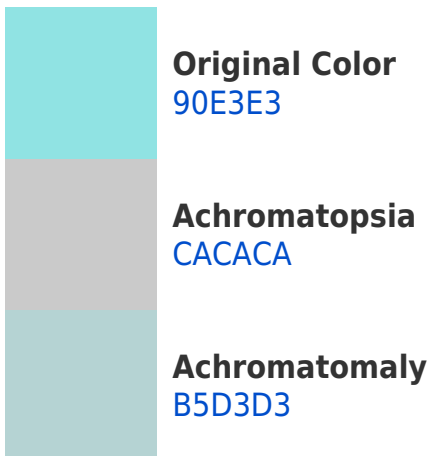


Tritanopia
94E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90E3E3 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 #90E3E3 looks like.

```
.text, #text, p{  
    color:#90E3E3  
}
```

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 #90E3E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E3E3
}
```

Border

The CSS property to change the border of an element to Hex 90E3E3 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
#90E3E3 }
```

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

```
.border{ border-color:#90E3E3 }
```

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

Here you see how a box with a 4 pixel #90E3E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E3E3; -webkit-box-shadow:4px 4px  
4px 4px #90E3E3; box-shadow:4px 4px 4px  
4px #90E3E3 }
```

Background

The CSS property to change the background color of an element to Hex 90E3E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E3E3 }
```

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

```
.background{ background-color:#90E3E3 }
```

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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