

# Converting Colors

Hex(98E3E2)

Have a look what the booklet for  
Hex(98E3E2) contains.

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# **Color**

**Hex(98E3E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98E3E2
RGB	152, 227, 226
RGB Percent	60%, 89%, 89%
CMY	0.4039, 0.1098, 0.1137
CMYK	0.33, 0.00, 0.00, 0.11
HSL	179°, 57%, 74%
HSV	179°, 33%, 89%
XYZ	54.1454, 67.1046, 82.0502
YIQ	204.4610, -44.3790, -16.2110

# Conversions

## Conversions Part 2

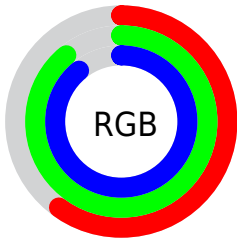
Format	Color
<b>RYB</b>	152, 190, 227
Decimal	10019810
CIELab	85.56, -23.26, -6.90
CIELCh	86, 24.260, 196.528
Yxy	67.1046, 0.2663, 0.3301
Android (android.graphics.Color)	4288209890 (0xFF98E3E2)
YUV	204.4610, 10.6187, -46.0083
Hunter-Lab	81.9174, -25.3711, -2.0440

# Details

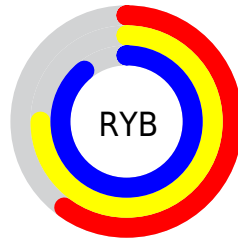
The Hex color **98E3E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E39899**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D1FFFF**, and **61ABAB** is the 20% darker color. If you saturate the color by 10%, you get **81E3E2**, and if you desaturate by 10%, it is **AFE3E2**.

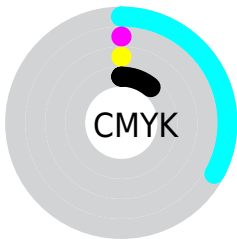
# Distribution



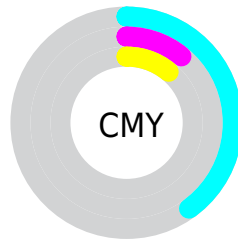
- Red (60%)
- Green (89%)
- Blue (89%)



- Red (60%)
- Yellow (75%)
- Blue (89%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (40%)
- Magenta (11%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98E3E2 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 98E3E2 by changing the saturation by 10% instead.



 98E3E2

 98E3E2

FFFFFF

 7CC7C6

 D1FFFF

 61ABAB

 EEEFFF

 469190

 297777

 005E5E

 004646

 002F30

 001C1B

 000000

 98E3E2

 98E3E2

 81E3E2

 AFE3E2

 6BE3E1

 C5E3E3

 54E3E1

 DCE3E3

 3DE3E1

 F3E3E3

 27E3E0

 FFE3E4

 10E3E0

 FFE3E5

 00E3E0

# Harmonies

## Analogous

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



A7E2CA



98E3E2



9AE1F6

# Triad

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



98E3E2



E9CCF6



F1D1AA

# Complementary

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



98E3E2



E39899

# 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.



FFCAB5



98E3E2



FEC7E1

# Square

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



98E3E2



CCD4FF



FFC6CA



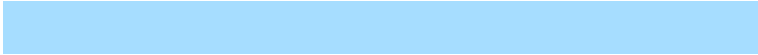
DAD8AA

# Rectangle

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



98E3E2



A6DDFF



FFC6CA



F7CEAC



# Sweetspot

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



98E3E2



E6FFFF



99E398



70807F



000000



808080



# Same Dimension

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



98E3E2



99FFFE



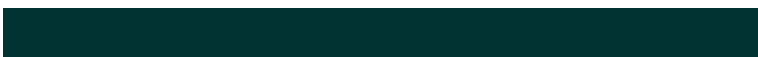
98BFE3



677373



00B3B0



003332



# Inverse Universe

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



E39899



FF999A



E3BC98



736767



B30002

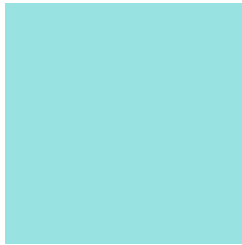


330001



# Previews

## White Background



This preview shows how the Hex color 98E3E2 looks on a white background.

## Color Contrast Check

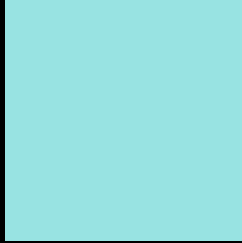
Large Text (above 18pt) WCAG AA × Fail

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 98E3E2 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 98E3E2 Background



This preview shows how black text looks on a background with the Hex color 98E3E2.

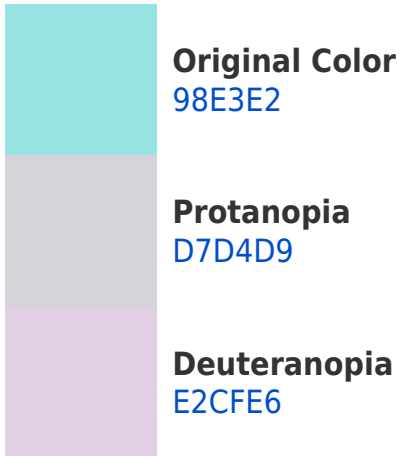


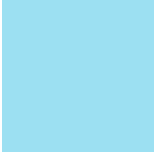
This preview shows how white text looks on a background with the Hex color 98E3E2.

# 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](#).

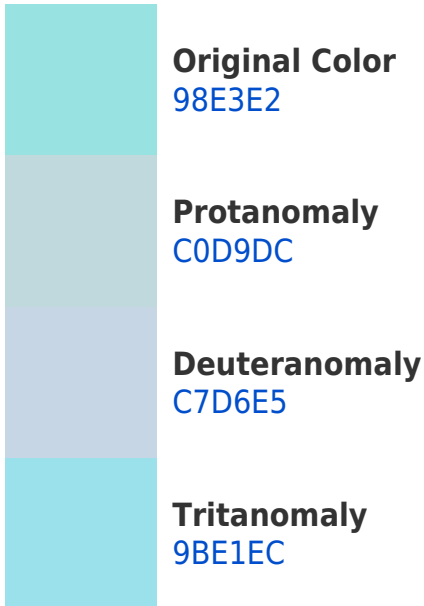
## Dichromacy



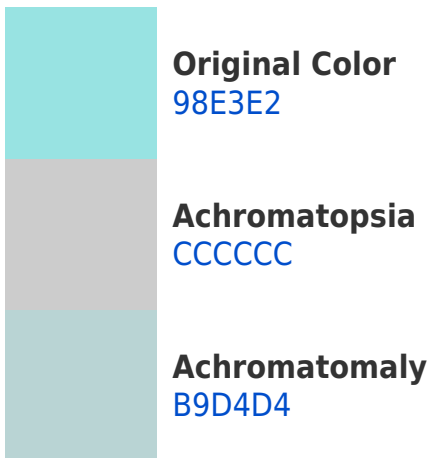


**Tritanopia**  
9CE0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98E3E2 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 #98E3E2 looks like.

```
.text, #text, p{  
    color:#98E3E2  
}
```

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 #98E3E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98E3E2
}
```

## Border

The CSS property to change the border of an element to Hex 98E3E2 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
#98E3E2 }
```

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

```
.border{ border-color:#98E3E2 }
```

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

Here you see how a box with a 4 pixel #98E3E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98E3E2; -webkit-box-shadow:4px 4px  
4px 4px #98E3E2; box-shadow:4px 4px 4px  
4px #98E3E2 }
```

# Background

The CSS property to change the background color of an element to Hex 98E3E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98E3E2 }
```

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

```
.background{ background-color:#98E3E2 }
```

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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