

Converting Colors

Hex(78EBC1)

Have a look what the booklet for
Hex(78EBC1) contains.

Hex(78EBC1)	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(78EBC1)

Conversions

Conversions Part 1

Format	Color
Hex	78EBC1
RGB	120, 235, 193
RGB Percent	47%, 92%, 76%
CMY	0.5294, 0.0784, 0.2431
CMYK	0.49, 0.00, 0.18, 0.08
HSL	158°, 74%, 70%
HSV	158°, 49%, 92%
XYZ	47.0797, 67.2600, 60.9532
YIQ	195.8270, -55.0580, -37.4420

Conversions

Conversions Part 2

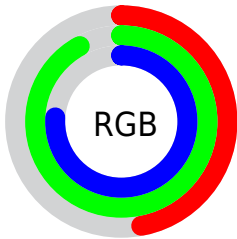
Format	Color
RYB	120, 190, 235
Decimal	7924673
CIELab	85.64, -42.47, 10.40
CIELCh	86, 43.726, 166.240
Yxy	67.2600, 0.2686, 0.3837
Android (android.graphics.Color)	4286114753 (0xFF78EBC1)
YUV	195.8270, -1.3937, -66.5003
Hunter-Lab	82.0122, -41.0521, 13.3429

Details

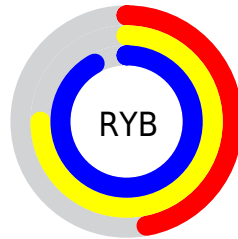
The Hex color **78EBC1** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB78A2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **B2FFF9**, and **3BB38B** is the 20% darker color. If you saturate the color by 10%, you get **61EBB8**, and if you desaturate by 10%, it is **8FEBCA**.

Distribution



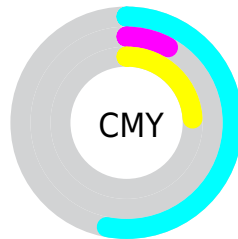
- Red (47%)
- Green (92%)
- Blue (76%)



- Red (47%)
- Yellow (75%)
- Blue (92%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (53%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78EBC1 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 78EBC1 by changing the saturation by 10% instead.

 78EBC1

 78EBC1

FFFFFF

 5ACEA6

 B2FFF9

 3BB38B

 D0FFFF

 109772

 EDFFFF

 007D59

 006342

 004A2C

 003317

 001C00

 000000

 78EBC1

 78EBC1

 61EBB8

 8FEBCA

 49EBB0

 A7EBD2

 32EBA7

 BFEBDB

 1AEB9F

 D6EBE3

 02EB96

 EEEBEC

 00EB95

 FFEBF4

 FFEBFD

 FFEBFF

Harmonies

Analogous

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



ACE59B



78EBC1



3FECEC

Triad

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



78EBC1



BFD2FF



FFBF9C

Complementary

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



78EBC1



EB78A2

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.



FFB7C1



78EBC1



F7C3FF

Square

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



78EBC1



7AE0FF



FFB8EB



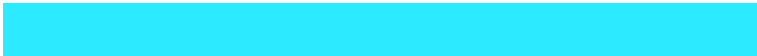
FFCD86

Rectangle

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



78EBC1



2CEAFF



FFB8EB



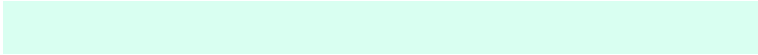
FFBBA7

Sweetspot

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



78EBC1



D9FFF1



A2EB78



698077



000000



808080

Same Dimension

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



78EBC1



69FFC8



78DCEB



6A7571



00B573



003622

Inverse Universe

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



EB78A2



FF699F



EB8778



756A6E



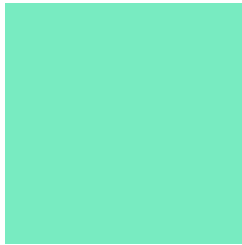
B50042



360014

Previews

White Background



This preview shows how the Hex color 78EBC1 looks on a white background.

Color Contrast Check

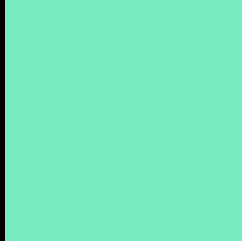
Large Text (above 18pt) WCAG AA × Fail

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 78EBC1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

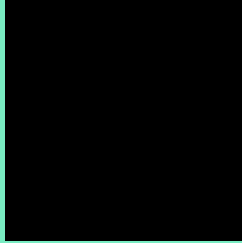
Any Text WCAG AA ✓ Pass

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 78EBC1 Background



This preview shows how black text looks on a background with the Hex color 78EBC1.

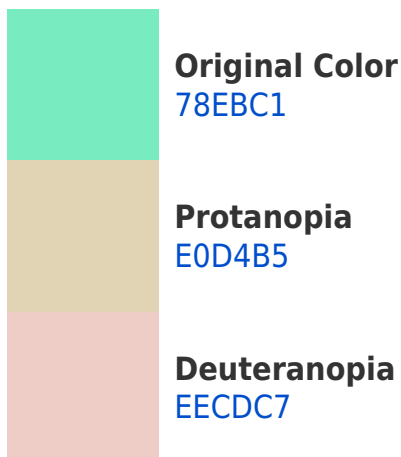


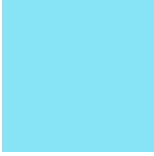
This preview shows how white text looks on a background with the Hex color 78EBC1.

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
87E4F6

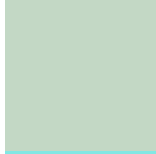
Trichromacy



Original Color
78EBC1



Protanomaly
BADCB9



Deuteranomaly
C3D8C5

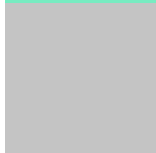


Tritanomaly
82E7E3

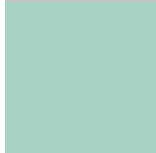
Monochromacy



Original Color
78EBC1



Achromatopsia
C4C4C4



Achromatomaly
A8D2C3

CSS Examples

Text

The CSS property to change the color of the text to Hex 78EBC1 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 #78EBC1 looks like.

```
.text, #text, p{  
    color:#78EBC1  
}
```

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 #78EBC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78EBC1
}
```

Border

The CSS property to change the border of an element to Hex 78EBC1 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
#78EBC1 }
```

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

```
.border{ border-color:#78EBC1 }
```

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

Here you see how a box with a 4 pixel #78EBC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78EBC1; -webkit-box-shadow:4px 4px  
4px 4px #78EBC1; box-shadow:4px 4px 4px  
4px #78EBC1 }
```

Background

The CSS property to change the background color of an element to Hex 78EBC1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78EBC1 }
```

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

```
.background{ background-color:#78EBC1 }
```

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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