

Converting Colors

Hex(87C2BB)

Have a look what the booklet for
Hex(87C2BB) contains.

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Color

Hex(87C2BB)

Conversions

Conversions Part 1

Format	Color
Hex	87C2BB
RGB	135, 194, 187
RGB Percent	53%, 76%, 73%
CMY	0.4706, 0.2392, 0.2667
CMYK	0.30, 0.00, 0.04, 0.24
HSL	173°, 33%, 65%
HSV	173°, 30%, 76%
XYZ	38.2531, 47.3223, 54.1317
YIQ	175.5610, -32.9170, -14.6850

Conversions

Conversions Part 2

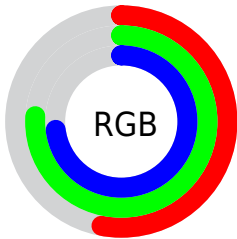
Format	Color
R_{YB}	135, 166, 194
Decimal	8897211
CIE _{Lab}	74.40, -20.48, -2.58
CIE _{LCh}	74, 20.640, 187.192
Yxy	47.3223, 0.2738, 0.3387
Android (android.graphics.Color)	4287087291 (0xFF87C2BB)
YUV	175.5610, 5.6394, -35.5720
Hunter-Lab	68.7912, -21.1252, 1.4987

Details

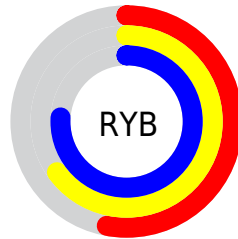
The Hex color **87C2BB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C2878E**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **BEFBF3**, and **528C86** is the 20% darker color. If you saturate the color by 10%, you get **74C2B9**, and if you desaturate by 10%, it is **9AC2BD**.

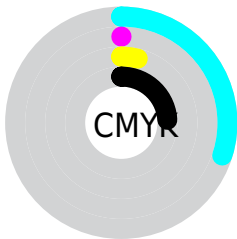
Distribution



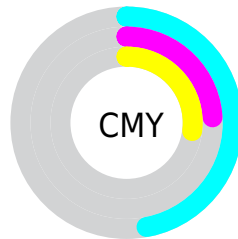
- Red (53%)
- Green (76%)
- Blue (73%)



- Red (53%)
- Yellow (65%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (47%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87C2BB 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 87C2BB by changing the saturation by 10% instead.

 87C2BB

 87C2BB

FFFFFF

 6CA7A0


 BEFBF3

 528C86

 DAFFFF

 39736D

 F7FFFF

 1E5A54

 00423D

 002C28

 001813

 000000

 87C2BB

 87C2BB

 74C2B9

 9AC2BD

 60C2B6

 AEC2C0

 4DC2B4

 C1C2C2

 39C2B2

 D5C2C4

 26C2AF

 E8C2C7

 13C2AD

 FBC2C9

 00C2AB

 FFC2CB

 FFC2CD

 FFC2D0

Harmonies

Analogous

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



97C1A8



87C2BB



84C1CD

Triad

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



87C2BB



C0B1D5



D2B195

Complementary

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



87C2BB



C2878E

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.



DDACA1



87C2BB



D4ABC6

Square

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



87C2BB



A7B7DC



DEAAB3



C1B791

Rectangle

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



87C2BB



8ABED6



DEAAB3



D7AF98

Sweetspot

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



87C2BB



E6FCFA



8FC287



71807E



000000



808080

Same Dimension

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



87C2BB



A2FCF2



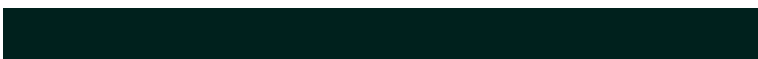
87ACC2



576160



00A18E



00211D

Inverse Universe

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



C2878E



FCA2AC



C29D87



615758



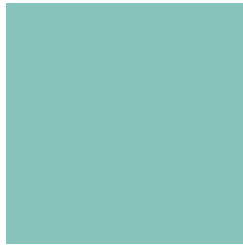
A10013



210004

Previews

White Background



This preview shows how the Hex color 87C2BB looks on a white background.

Color Contrast Check

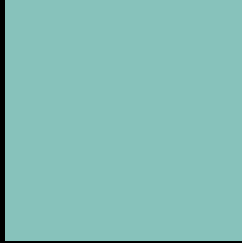
Large Text (above 18pt) WCAG AA × Fail

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 87C2BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

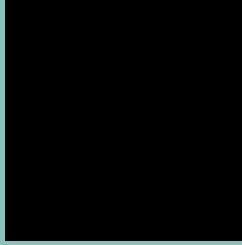
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

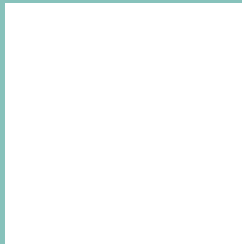
Any Text WCAG AAA ✓ Pass

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

Hex 87C2BB Background



This preview shows how black text looks on a background with the Hex color 87C2BB.



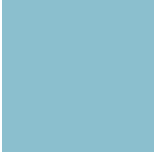
This preview shows how white text looks on a background with the Hex color 87C2BB.

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



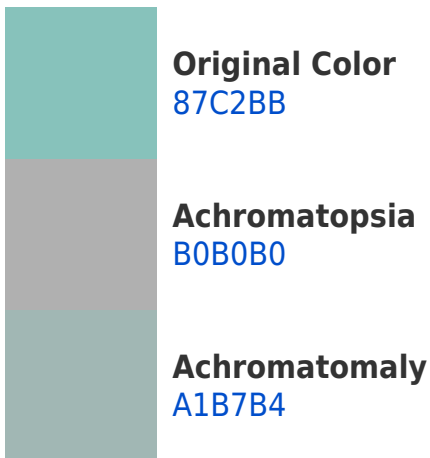


Tritanopia
8BBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87C2BB 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 #87C2BB looks like.

```
.text, #text, p{  
    color:#87C2BB  
}
```

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 #87C2BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87C2BB  
}
```

Border

The CSS property to change the border of an element to Hex 87C2BB 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  
#87C2BB }
```

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

```
.border{ border-color:#87C2BB }
```

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

Here you see how a box with a 4 pixel #87C2BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87C2BB; -webkit-box-shadow:4px 4px  
4px 4px #87C2BB; box-shadow:4px 4px 4px  
4px #87C2BB }
```

Background

The CSS property to change the background color of an element to Hex 87C2BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87C2BB }
```

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

```
.background{ background-color:#87C2BB }
```

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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