

Converting Colors

Hex(87EBBE)

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

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Color

Hex(87EBBE)

Conversions

Conversions Part 1

Format	Color
Hex	87EBBE
RGB	135, 235, 190
RGB Percent	53%, 92%, 75%
CMY	0.4706, 0.0784, 0.2549
CMYK	0.43, 0.00, 0.19, 0.08
HSL	153°, 71%, 73%
HSV	153°, 43%, 92%
XYZ	48.9943, 68.2853, 59.3133
YIQ	199.9700, -45.1550, -35.1950

Conversions

Conversions Part 2

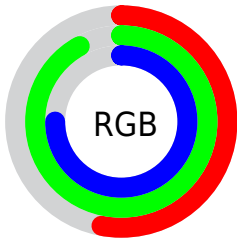
Format	Color
RYB	135, 200, 235
Decimal	8907710
CIELab	86.15, -39.39, 12.78
CIELCh	86, 41.415, 162.029
Yxy	68.2853, 0.2774, 0.3867
Android (android.graphics.Color)	4287097790 (0xFF87EBBE)
YUV	199.9700, -4.9152, -56.9787
Hunter-Lab	82.6349, -38.7783, 15.2875

Details

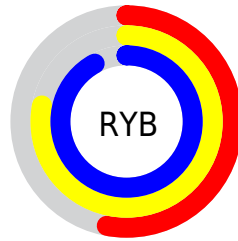
The Hex color **87EBBE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB87B4**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **C0FFF6**, and **4EB389** is the 20% darker color. If you saturate the color by 10%, you get **70EBB3**, and if you desaturate by 10%, it is **9FEBC9**.

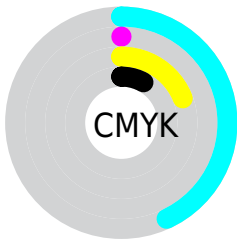
Distribution



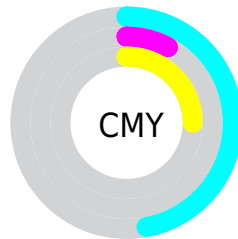
- Red (53%)
- Green (92%)
- Blue (75%)



- Red (53%)
- Yellow (78%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 87EBBE

FFFFFF

 C0FFF6

 DDFFFF

 FBFFFF

 87EBBE

 6BCEA3

 4EB389

 30976F

 027D57

 00633F

 004B29

 003314

 001E00

 000000

 87EBBE

 87EBBE

 70EBB3

 9FEBC9

 58EBA9

 B6EBD3

 41EB9E

 CEEBDE

 29EB94

 E5EBE8

 12EB89

 FDEBF3

 00EB81

 FFEBFD

 FFEBFF

Harmonies

Analogous

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



B7E59C



87EBBE



58EDE6

Triad

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



87EBBE



BAD6FF



FFC0A5

Complementary

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



87EBBE



EB87B4

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.



FFBAC9



87EBBE



F1C8FF

Square

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



87EBBE



7BE2FF



FFBCF1



FFCD8D

Rectangle

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



87EBBE



46EBFF



FFBCF1



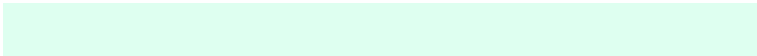
FFBDB0

Sweetspot

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



87EBBE



DEFFF0



B4EB87



6B8076



000000



808080

Same Dimension

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



87EBBE



7DFFC4



87E6EB



6A7570



00B564



00361D

Inverse Universe

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



EB87B4



FF7DB7



EB8C87



756A6F



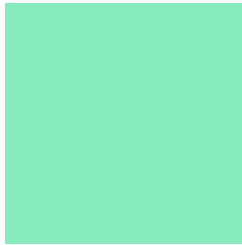
B50051



360018

Previews

White Background



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

Color Contrast Check

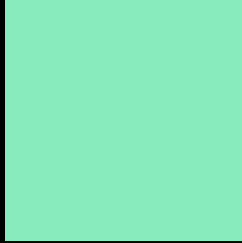
Large Text (above 18pt) WCAG AA × Fail

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 87EBBE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

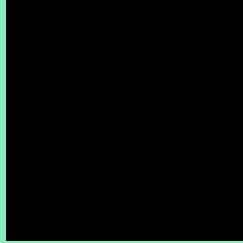
Any Text WCAG AA ✓ Pass

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 87EBBE Background



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



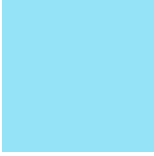
This preview shows how white text looks on a background with the Hex color 87EBBE.

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



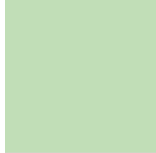


Tritanopia
95E3F6

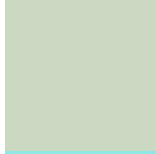
Trichromacy



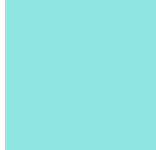
Original Color
87EBBE



Protanomaly
C1DEB7

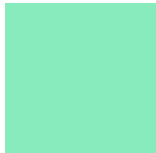


Deuteranomaly
CBD9C2

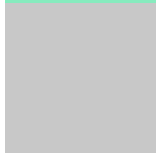


Tritanomaly
90E6E2

Monochromacy



Original Color
87EBBE



Achromatopsia
C8C8C8



Achromatomaly
B0D5C4

CSS Examples

Text

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

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

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 #87EBBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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