

Converting Colors

Hex(87EBC7)

Have a look what the booklet for
Hex(87EBC7) contains.

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Color

Hex(87EBC7)

Conversions

Conversions Part 1

Format	Color
Hex	87EBC7
RGB	135, 235, 199
RGB Percent	53%, 92%, 78%
CMY	0.4706, 0.0784, 0.2196
CMYK	0.43, 0.00, 0.15, 0.08
HSL	158°, 71%, 73%
HSV	158°, 43%, 92%
XYZ	50.0088, 68.6911, 64.6558
YIQ	200.9960, -48.0440, -32.3960

Conversions

Conversions Part 2

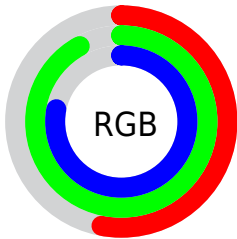
Format	Color
RYB	135, 196, 235
Decimal	8907719
CIELab	86.35, -37.52, 8.36
CIELCh	86, 38.437, 167.434
Yxy	68.6911, 0.2727, 0.3746
Android (android.graphics.Color)	4287097799 (0xFF87EBC7)
YUV	200.9960, -0.9840, -57.8785
Hunter-Lab	82.8801, -37.3355, 11.7632

Details

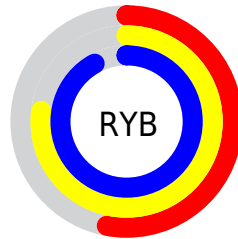
The Hex color **87EBC7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EB87AB**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C0FFFF**, and **4EB391** is the 20% darker color. If you saturate the color by 10%, you get **70EBBF**, and if you desaturate by 10%, it is **9FEBCF**.

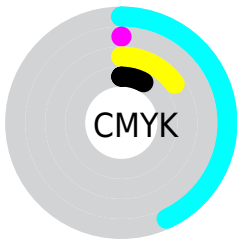
Distribution



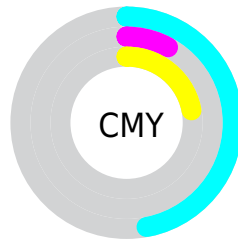
- Red (53%)
- Green (92%)
- Blue (78%)



- Red (53%)
- Yellow (77%)
- Blue (92%)



- Cyan (43%)
- Magenta (0%)
- Yellow (15%)
- Black (8%)



- Cyan (47%)
- Magenta (8%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87EBC7 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 87EBC7 by changing the saturation by 10% instead.

 87EBC7

 87EBC7

FFFFFF

 6BCFAC

 C0FFFF

 4EB391

 DDFFFF

 2F9877

 FBFFFF

 007D5F

 006447

 004B31

 00331C

 001E02

 000000

 87EBC7

 87EBC7

 70EBBF

 9FEBCF

 58EBB6

 B6EBD8

 41EBAE

 CEEBE0

 29EBA5

 E5EBE9

 12EB9D

 FDEBF1

 00EB96

 FFEBFA

 FFEBFF

Harmonies

Analogous

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



B2E6A6



87EBC7



63ECED

Triad

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



87EBC7



C7D4FF



FFC5A4

Complementary

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



87EBC7



EB87AB

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.



FFBDC4



87EBC7



F7C7FF

Square

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



87EBC7



90E0FF



FFBEE9



FFD191

Rectangle

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



87EBC7



5DEAFF



FFBEE9



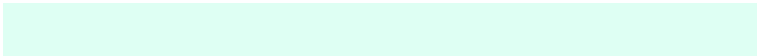
FFC1AE

Sweetspot

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



87EBC7



DEFFF3



ACEB87



6B8078



000000



808080

Same Dimension

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



87EBC7



7DFFD0



87DEEB



6A7571



00B574



003622

Inverse Universe

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



EB87AB



FF7DAC



EB9487



756A6E



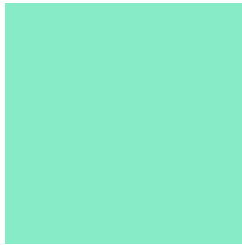
B50041



360013

Previews

White Background



This preview shows how the Hex color 87EBC7 looks on a white background.

Color Contrast Check

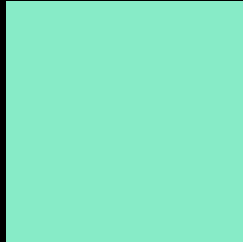
Large Text (above 18pt) WCAG AA × Fail

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 87EBC7 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 87EBC7 Background



This preview shows how black text looks on a background with the Hex color 87EBC7.



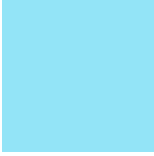
This preview shows how white text looks on a background with the Hex color 87EBC7.

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
93E4F7

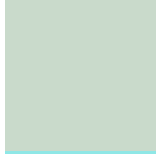
Trichromacy



Original Color
87EBC7



Protanomaly
C0DEC0



Deuteranomaly
C9DACB

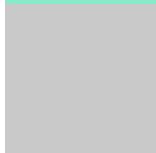


Tritanomaly
8FE7E6

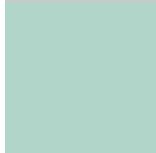
Monochromacy



Original Color
87EBC7



Achromatopsia
C9C9C9



Achromatomaly
B1D5C8

CSS Examples

Text

The CSS property to change the color of the text to Hex 87EBC7 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 #87EBC7 looks like.

```
.text, #text, p{  
    color:#87EBC7  
}
```

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 #87EBC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87EBC7  
}
```

Border

The CSS property to change the border of an element to Hex 87EBC7 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  
#87EBC7 }
```

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

```
.border{ border-color:#87EBC7 }
```

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

Here you see how a box with a 4 pixel #87EBC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87EBC7; -webkit-box-shadow:4px 4px  
4px 4px #87EBC7; box-shadow:4px 4px 4px  
4px #87EBC7 }
```

Background

The CSS property to change the background color of an element to Hex 87EBC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87EBC7 }
```

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

```
.background{ background-color:#87EBC7 }
```

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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