

Converting Colors

Hex(87E0C5)

Have a look what the booklet for
Hex(87E0C5) contains.

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Color

Hex(87E0C5)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 87E0C5 |
| RGB | 135, 224, 197 |
| RGB Percent | 53%, 88%, 77% |
| CMY | 0.4706, 0.1216, 0.2275 |
| CMYK | 0.40, 0.00, 0.12, 0.12 |
| HSL | 162°, 59%, 70% |
| HSV | 162°, 40%, 88% |
| XYZ | 46.7254, 62.4934, 62.4231 |
| YIQ | 194.3110, -44.3770, -27.2650 |

Conversions

Conversions Part 2

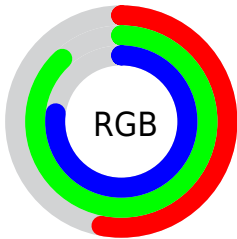
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 135, 187, 224 |
| Decimal | 8904901 |
| CIELab | 83.18, -32.86, 4.84 |
| CIELCh | 83, 33.218, 171.613 |
| Yxy | 62.4934, 0.2722, 0.3641 |
| Android (android.graphics.Color) | 4287094981 (0xFF87E0C5) |
| YUV | 194.3110, 1.3257, -52.0157 |
| Hunter-Lab | 79.0528, -32.8372, 8.5193 |

Details

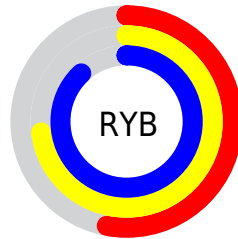
The Hex color **87E0C5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E087A2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **C0FFFE**, and **4FA88F** is the 20% darker color. If you saturate the color by 10%, you get **71E0BE**, and if you desaturate by 10%, it is **9DE0CC**.

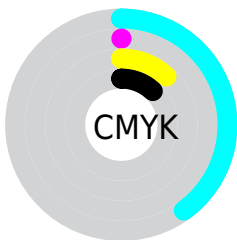
Distribution



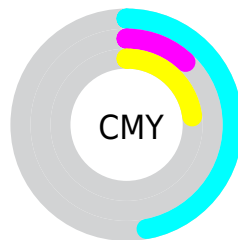
- Red (53%)
- Green (88%)
- Blue (77%)



- Red (53%)
- Yellow (73%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (47%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87E0C5 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 87E0C5 by changing the saturation by 10% instead.

 87E0C5

 87E0C5

FFFFFF

 6BC4AA

 C0FFFE

 4FA88F

 DCFFFF

 328E76

 FAFFFF

 0D745D

 005B46

 00422F

 002C1A

 001300

 000000

 87E0C5

 87E0C5

 71E0BE

 9DE0CC

 5AE0B7

 B4E0D3

 44E0B1

 CAE0D9

 2DE0AA

 E1E0E0

 17E0A3

 F7E0E7

 01E09C

 FFE0EE

 00E09C

 FFE0F5

 FFE0FB

 FFE0FF

Harmonies

Analogous

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



AADCA7



87E0C5



6FE0E5

Triad

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



87E0C5



C8CAFF



FFC09F

Complementary

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



87E0C5



E087A2

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.



FFB9BA



87E0C5



EFC0F6

Square

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



87E0C5



9AD5FF



FFB9D9



EECA92

Rectangle

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



87E0C5



6FDEF8



FFB9D9



FFBDA7

Sweetspot

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



87E0C5



E0FFF6



A3E087



6E807A



000000



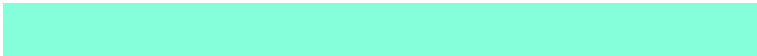
808080

Same Dimension

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



87E0C5



85FFDA



87D0E0



65706D



00B07B



003022

Inverse Universe

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



E087A2



FF85AA



E09787



706568



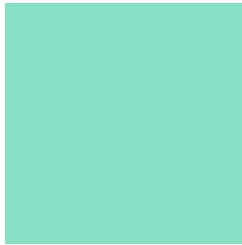
B00035



30000F

Previews

White Background



This preview shows how the Hex color 87E0C5 looks on a white background.

Color Contrast Check

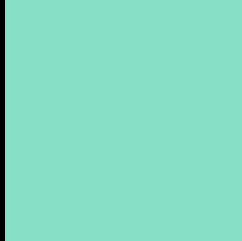
Large Text (above 18pt) WCAG AA × Fail

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 87E0C5 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

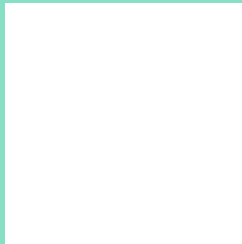
Any Text WCAG AAA ✓ Pass

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

Hex 87E0C5 Background



This preview shows how black text looks on a background with the Hex color 87E0C5.



This preview shows how white text looks on a background with the Hex color 87E0C5.

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



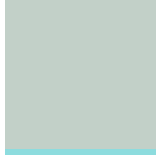
Trichromacy



Original Color
87E0C5



Protanomaly
B9D4BF



Deuteranomaly
C2D0C8

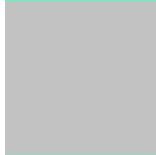


Tritanomaly
8DDCDE

Monochromacy



Original Color
87E0C5



Achromatopsia
C2C2C2



Achromatomaly
ADCDC3

CSS Examples

Text

The CSS property to change the color of the text to Hex 87E0C5 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 #87E0C5 looks like.

```
.text, #text, p{  
    color:#87E0C5  
}
```

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 #87E0C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87E0C5
}
```

Border

The CSS property to change the border of an element to Hex 87E0C5 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
#87E0C5 }
```

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

```
.border{ border-color:#87E0C5 }
```

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

Here you see how a box with a 4 pixel #87E0C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87E0C5; -webkit-box-shadow:4px 4px  
4px 4px #87E0C5; box-shadow:4px 4px 4px  
4px #87E0C5 }
```

Background

The CSS property to change the background color of an element to Hex 87E0C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87E0C5 }
```

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

```
.background{ background-color:#87E0C5 }
```

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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