

Converting Colors

Hex(89E5E5)

Have a look what the booklet for
Hex(89E5E5) contains.

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Color

Hex(89E5E5)

Conversions

Conversions Part 1

Format	Color
Hex	89E5E5
RGB	137, 229, 229
RGB Percent	54%, 90%, 90%
CMY	0.4627, 0.1020, 0.1020
CMYK	0.40, 0.00, 0.00, 0.10
HSL	180°, 64%, 72%
HSV	180°, 40%, 90%
XYZ	52.4787, 67.0141, 84.2978
YIQ	201.4920, -54.8320, -19.5040

Conversions

Conversions Part 2

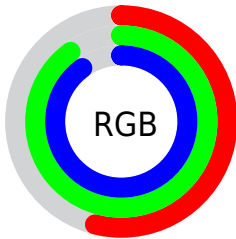
Format	Color
RYB	137, 183, 229
Decimal	9037285
CIELab	85.51, -27.36, -8.63
CIELCh	86, 28.686, 197.502
Yxy	67.0141, 0.2575, 0.3288
Android (android.graphics.Color)	4287227365 (0xFF89E5E5)
YUV	201.4920, 13.5614, -56.5595
Hunter-Lab	81.8622, -28.8293, -3.7506

Details

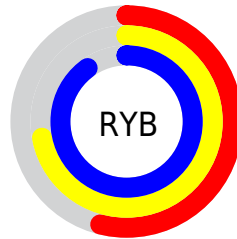
The Hex color **89E5E5** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E58989**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C3FFFF**, and **50ADAE** is the 20% darker color. If you saturate the color by 10%, you get **72E5E5**, and if you desaturate by 10%, it is **A0E5E5**.

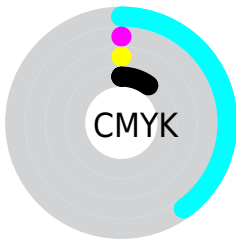
Distribution



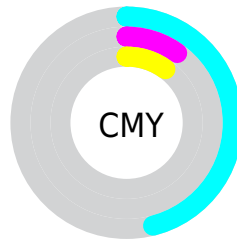
- Red (54%)
- Green (90%)
- Blue (90%)



- Red (54%)
- Yellow (72%)
- Blue (90%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E5E5 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 89E5E5 by changing the saturation by 10% instead.

 89E5E5

 89E5E5

FFFFFF

 6DC9C9

 C3FFFF

 50ADAE

 E0FFFF

 309293

FEFFFF

 007879

 005F61

 004749

 003032

 001D1D

 000002

 89E5E5

 89E5E5

 72E5E5

 A0E5E5

 5BE5E5

 B7E5E5

 44E5E5

 CEE5E5

 2DE5E5

 E5E5E5

 16E5E5

 FBE5E5

 00E5E5

 FFE5E5

Harmonies

Analogous

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



9DE4C9



89E5E5



8BE2FD

Triad

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



89E5E5



EDCAFB



F4D0A1

Complementary

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



89E5E5



E58989

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.



FFC8AF



89E5E5



FFC3E2

Square

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



89E5E5



CBD3FF



FFC3C7



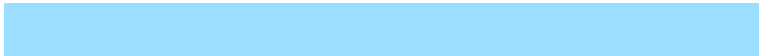
D9D9A2

Rectangle

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



89E5E5



9BDEFF



FFC3C7



FCCDA4

Sweetspot

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



89E5E5



E0FFFF



89E589



6E8080



000000



808080

Same Dimension

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



89E5E5



85FFFF



89B7E5



677373



00B3B3



003333

Inverse Universe

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



E589E5



FF85FF



E5B789



736773



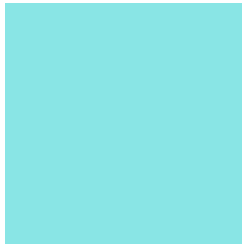
B300B3



330033

Previews

White Background



This preview shows how the Hex color 89E5E5 looks on a white background.

Color Contrast Check

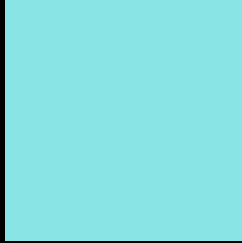
Large Text (above 18pt) WCAG AA × Fail

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 89E5E5 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 89E5E5 Background



This preview shows how black text looks on a background with the Hex color 89E5E5.

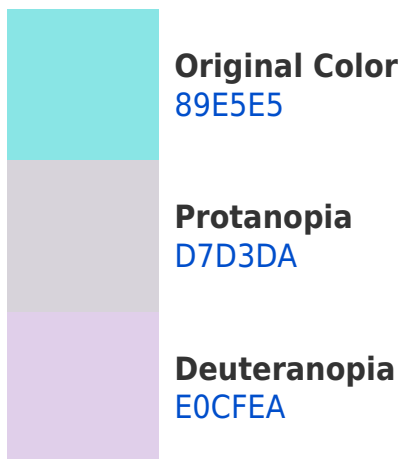


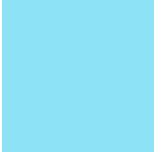
This preview shows how white text looks on a background with the Hex color 89E5E5.

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



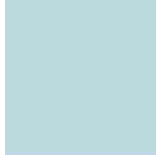


Tritanopia
8DE3F5

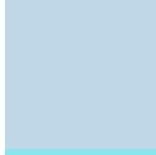
Trichromacy



Original Color
89E5E5



Protanomaly
BBD4DE



Deuteranomaly
C0D7E8

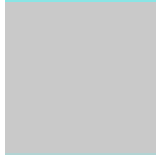


Tritanomaly
8CE4EF

Monochromacy



Original Color
89E5E5



Achromatopsia
C9C9C9



Achromatomaly
B2D3D3

CSS Examples

Text

The CSS property to change the color of the text to Hex 89E5E5 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 #89E5E5 looks like.

```
.text, #text, p{  
    color:#89E5E5  
}
```

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 #89E5E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E5E5
}
```

Border

The CSS property to change the border of an element to Hex 89E5E5 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
#89E5E5 }
```

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

```
.border{ border-color:#89E5E5 }
```

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

Here you see how a box with a 4 pixel #89E5E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E5E5; -webkit-box-shadow:4px 4px  
4px 4px #89E5E5; box-shadow:4px 4px 4px  
4px #89E5E5 }
```

Background

The CSS property to change the background color of an element to Hex 89E5E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E5E5 }
```

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

```
.background{ background-color:#89E5E5 }
```

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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