

Converting Colors

Hex(89E2D7)

Have a look what the booklet for
Hex(89E2D7) contains.

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Color

Hex(89E2D7)

Conversions

Conversions Part 1

Format	Color
Hex	89E2D7
RGB	137, 226, 215
RGB Percent	54%, 89%, 84%
CMY	0.4627, 0.1137, 0.1569
CMYK	0.39, 0.00, 0.05, 0.11
HSL	173°, 61%, 71%
HSV	173°, 39%, 89%
XYZ	49.7786, 64.6174, 74.1388
YIQ	198.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

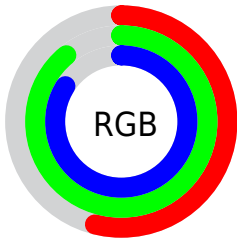
Format	Color
RYB	137, 184, 226
Decimal	9036503
CIELab	84.29, -29.24, -3.04
CIELCh	84, 29.395, 185.943
Yxy	64.6174, 0.2640, 0.3427
Android (android.graphics.Color)	4287226583 (0xFF89E2D7)
YUV	198.1350, 8.3144, -53.6154
Hunter-Lab	80.3849, -30.1369, 1.5865

Details

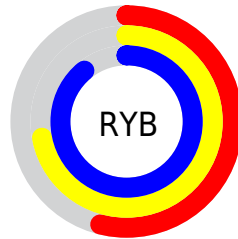
The Hex color **89E2D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **E28994**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C2FFFF**, and **51AAA0** is the 20% darker color. If you saturate the color by 10%, you get **72E2D4**, and if you desaturate by 10%, it is **A0E2DA**.

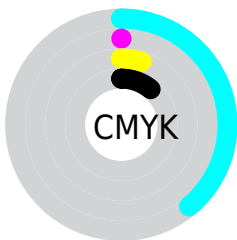
Distribution



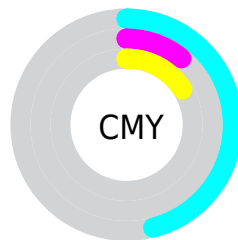
- Red (54%)
- Green (89%)
- Blue (84%)



- Red (54%)
- Yellow (72%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89E2D7 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 89E2D7 by changing the saturation by 10% instead.

 89E2D7

 89E2D7

FFFFFF

 6DC6BB

 C2FFFF

 51AAA0

 DFFFFF

 339086

FDFFFF

 0B766D

 005D55

 00443E

 002D28

 001813

 000000

 89E2D7

 89E2D7

 72E2D4

 A0E2DA

 5CE2D1

 B6E2DD

 45E2CF

 CDE2DF

 2FE2CC

 E3E2E2

 18E2C9

 FAE2E5

 01E2C6

 FFE2E8

 00E2C6

 FFE2EB

 FFE2ED

 FFE2F0

Harmonies

Analogous

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



A3E0BB



89E2D7



81E0F2

Triad

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



89E2D7



DEC9FF



FAC9A0

Complementary

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



89E2D7



E28994

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.



FFC1B3



89E2D7



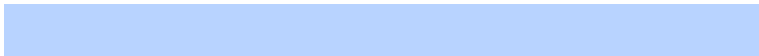
FBC1E9

Square

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



89E2D7



B8D3FF



FFBECE



E1D29B

Rectangle

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



89E2D7



8BDDFF



FFBECE



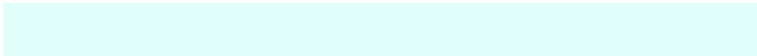
FFC6A5

Sweetspot

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



89E2D7



E0FFFB



95E289



6E807D



000000



808080

Same Dimension

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



89E2D7



87FFF0



89C1E2



65706F



00B09A



00302A

Inverse Universe

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



E28994



FF8796



E2AA89



706566



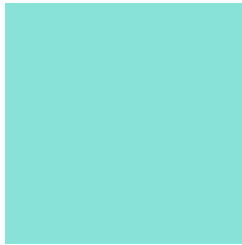
B00016



300006

Previews

White Background



This preview shows how the Hex color 89E2D7 looks on a white background.

Color Contrast Check

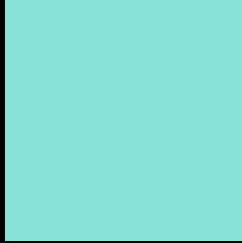
Large Text (above 18pt) WCAG AA × Fail

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 89E2D7 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 89E2D7 Background



This preview shows how black text looks on a background with the Hex color 89E2D7.

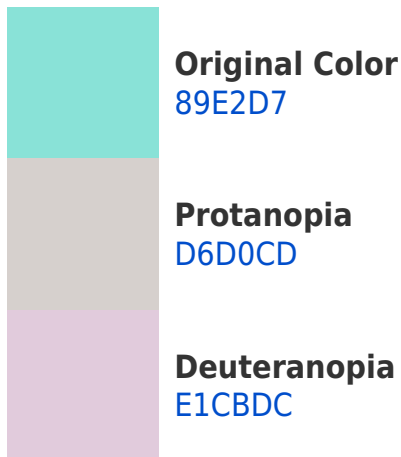


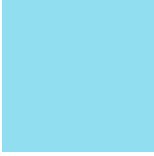
This preview shows how white text looks on a background with the Hex color 89E2D7.

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](#).

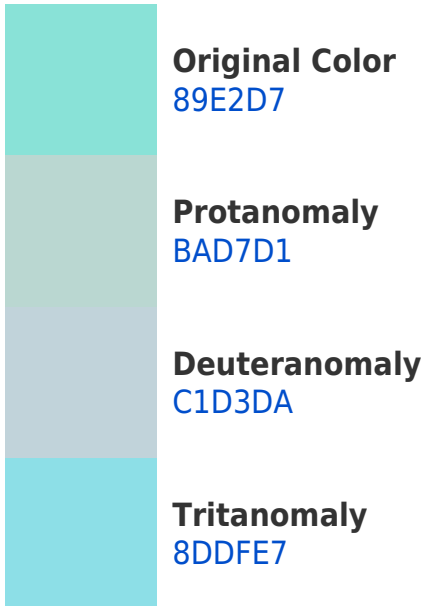
Dichromacy



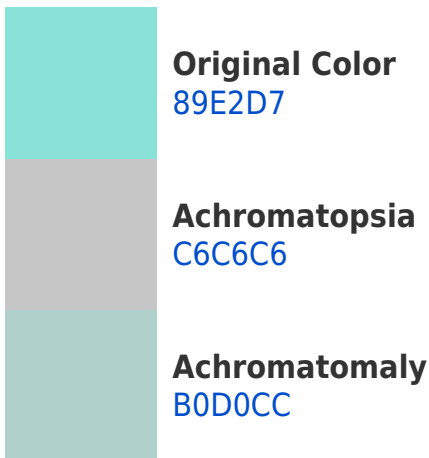


Tritanopia
90DEF0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89E2D7 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 #89E2D7 looks like.

```
.text, #text, p{  
    color:#89E2D7  
}
```

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 #89E2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89E2D7
}
```

Border

The CSS property to change the border of an element to Hex 89E2D7 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
#89E2D7 }
```

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

```
.border{ border-color:#89E2D7 }
```

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

Here you see how a box with a 4 pixel #89E2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89E2D7; -webkit-box-shadow:4px 4px  
4px 4px #89E2D7; box-shadow:4px 4px 4px  
4px #89E2D7 }
```

Background

The CSS property to change the background color of an element to Hex 89E2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89E2D7 }
```

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

```
.background{ background-color:#89E2D7 }
```

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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