

Converting Colors

Hex(89CDB3)

Have a look what the booklet for
Hex(89CDB3) contains.

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Color

Hex(89CDB3)

Conversions

Conversions Part 1

Format	Color
Hex	89CDB3
RGB	137, 205, 179
RGB Percent	54%, 80%, 70%
CMY	0.4627, 0.1961, 0.2980
CMYK	0.33, 0.00, 0.13, 0.20
HSL	157°, 40%, 67%
HSV	157°, 33%, 80%
XYZ	40.2845, 52.2357, 50.6071
YIQ	181.7040, -32.1820, -22.5020

Conversions

Conversions Part 2

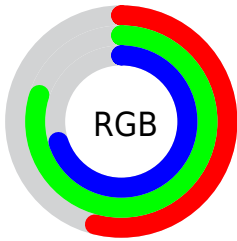
Format	Color
RYB	137, 179, 205
Decimal	9031091
CIELab	77.42, -27.10, 6.15
CIELCh	77, 27.787, 167.214
Yxy	52.2357, 0.2815, 0.3650
Android (android.graphics.Color)	4287221171 (0xFF89CDB3)
YUV	181.7040, -1.3331, -39.2054
Hunter-Lab	72.2743, -26.9869, 9.0766

Details

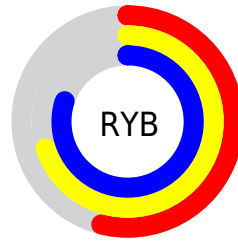
The Hex color **89CDB3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CD89A3**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **C0FFEB**, and **54967E** is the 20% darker color. If you saturate the color by 10%, you get **74CDAB**, and if you desaturate by 10%, it is **9DCDBB**.

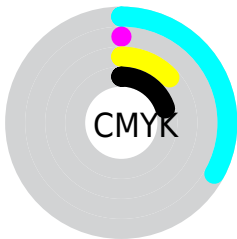
Distribution



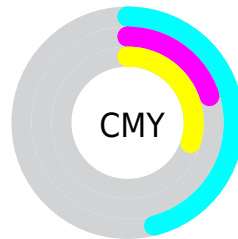
- Red (54%)
- Green (80%)
- Blue (70%)



- Red (54%)
- Yellow (70%)
- Blue (80%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (46%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89CDB3 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 89CDB3 by changing the saturation by 10% instead.



89CDB3



89CDB3

FFFFFF



6EB198



C0FFEB



54967E



DDFFFF



3A7C65



FAFFFF



1F634D



004B37



003421



00200B



000000



89CDB3



89CDB3

 74CDAB

 9DCDBB

 60CDA3

 B2CDC3

 4BCD9B

 C7CDCB

 37CD94

 DBCDD2

 22CD8C

 F0CDDA

 0ECD84

 FFCDE2

 00CD7F

 FFCDEA

 FFCDF2

 FFCDFA

Harmonies

Analogous

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



A5C99C



89CDB3



75CECE

Triad

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



89CDB3



B4BDF0



EEB29B

Complementary

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



89CDB3



CD89A3

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.



F4ADB1



89CDB3



D5B4E2

Square

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



89CDB3



91C5F1



ECAECB



DCBA8D

Rectangle

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



89CDB3



74CCDD



ECAECB



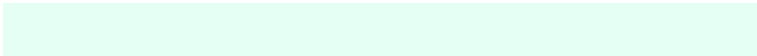
F1B0A1

Sweetspot

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



89CDB3



E6FFF5



A3CD89



70807A



000000



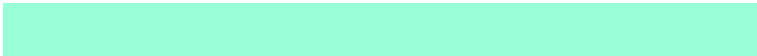
808080

Same Dimension

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



89CDB3



99FFD8



89C5CD



5C6662



00A666



002618

Inverse Universe

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



CD89A3



FF99C0



CD9189



665C60



A6003F



26000F

Previews

White Background



This preview shows how the Hex color 89CDB3 looks on a white background.

Color Contrast Check

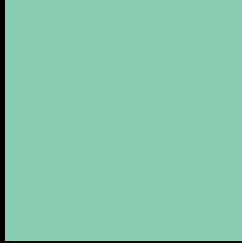
Large Text (above 18pt) WCAG AA × Fail

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 89CDB3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

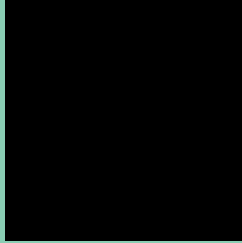
Any Text WCAG AA ✓ Pass

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 89CDB3 Background



This preview shows how black text looks on a background with the Hex color 89CDB3.

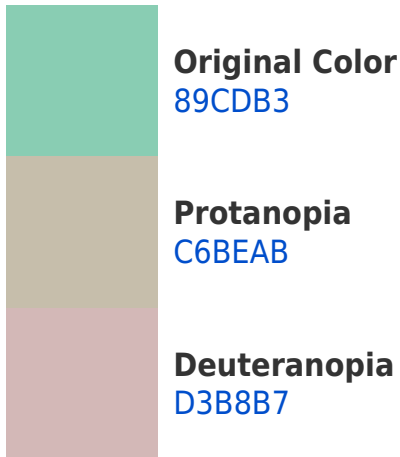


This preview shows how white text looks on a background with the Hex color 89CDB3.

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



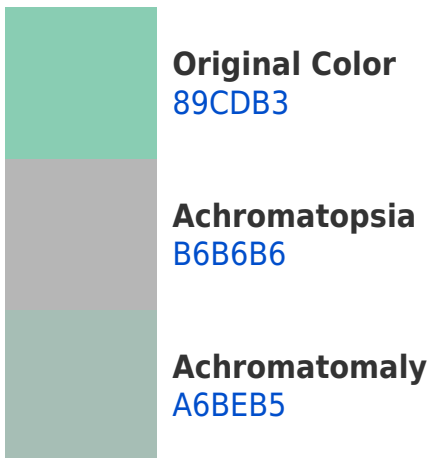


Tritanopia
91C8D8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89CDB3 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 #89CDB3 looks like.

```
.text, #text, p{  
    color:#89CDB3  
}
```

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 #89CDB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89CDB3  
}
```

Border

The CSS property to change the border of an element to Hex 89CDB3 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  
#89CDB3 }
```

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

```
.border{ border-color:#89CDB3 }
```

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

Here you see how a box with a 4 pixel #89CDB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89CDB3; -webkit-box-shadow:4px 4px  
4px 4px #89CDB3; box-shadow:4px 4px 4px  
4px #89CDB3 }
```

Background

The CSS property to change the background color of an element to Hex 89CDB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89CDB3 }
```

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

```
.background{ background-color:#89CDB3 }
```

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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