

Converting Colors

Hex(89C8B0)

Have a look what the booklet for
Hex(89C8B0) contains.

Hex(89C8B0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(89C8B0)

Conversions

Conversions Part 1

Format	Color
Hex	89C8B0
RGB	137, 200, 176
RGB Percent	54%, 78%, 69%
CMY	0.4627, 0.2157, 0.3098
CMYK	0.32, 0.00, 0.12, 0.22
HSL	157°, 36%, 66%
HSV	157°, 32%, 78%
XYZ	38.8073, 49.7615, 48.6339
YIQ	178.4270, -29.8440, -20.8200

Conversions

Conversions Part 2

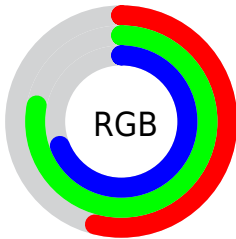
Format	Color
RYB	137, 176, 200
Decimal	9029808
CIELab	75.92, -25.29, 5.61
CIElCh	76, 25.900, 167.501
Yxy	49.7615, 0.2828, 0.3627
Android (android.graphics.Color)	4287219888 (0xFF89C8B0)
YUV	178.4270, -1.1965, -36.3315
Hunter-Lab	70.5418, -25.2498, 8.5028

Details

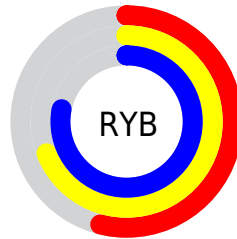
The Hex color **89C8B0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C889A1**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C0FFE8**, and **54927C** is the 20% darker color. If you saturate the color by 10%, you get **75C8A8**, and if you desaturate by 10%, it is **9DC8B8**.

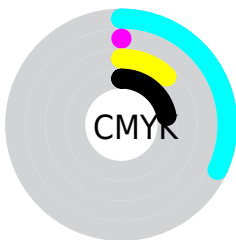
Distribution



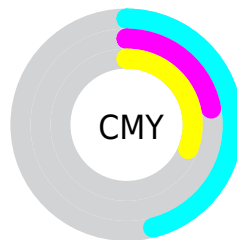
- Red (54%)
- Green (78%)
- Blue (69%)



- Red (54%)
- Yellow (69%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 89C8B0 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 89C8B0 by changing the saturation by 10% instead.

 89C8B0

 89C8B0

FFFFFF

 6EAD95

 C0FFE8

 54927C

 DCFFFF

 3B7863

 F9FFFF

 205F4B

 004734

 00301F

 001D07

 000000

 89C8B0

 89C8B0

 75C8A8

 9DC8B8

 61C8A1

 B1C8BF

 4DC899

 C5C8C7

 39C892

 D9C8CE

 25C88A

 EDC8D6

 11C882

 FFC8DE

 00C87C

 FFC8E5

 FFC8ED

 FFC8F5

Harmonies

Analogous

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



A3C49A



89C8B0



78C9C9

Triad

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



89C8B0



B2B9E8



E7AF99

Complementary

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



89C8B0



C889A1

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.



ECAAEE



89C8B0



D0B0DC

Square

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



89C8B0



91C0E9



E5ABC6



D6B68D

Rectangle

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



89C8B0



76C7D7



E5ABC6



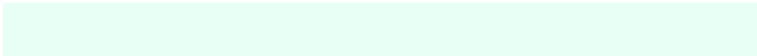
EAAD9F

Sweetspot

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



89C8B0



E8FFF6



A1C889



71807A



000000



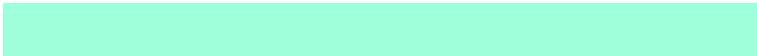
808080

Same Dimension

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



89C8B0



9EFFDA



89C1C8



5A6360



00A365



002416

Inverse Universe

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



C889A1



FF9EC3



C89089



635A5D



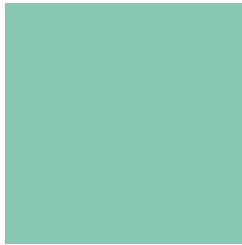
A3003E



24000E

Previews

White Background



This preview shows how the Hex color 89C8B0 looks on a white background.

Color Contrast Check

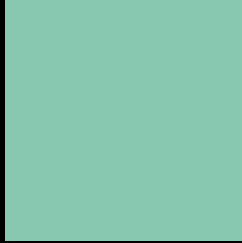
Large Text (above 18pt) WCAG AA × Fail

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 89C8B0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

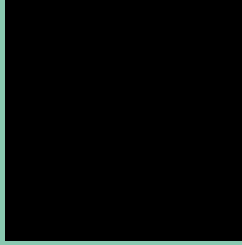
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

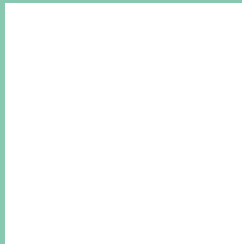
Any Text WCAG AAA ✓ Pass

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

Hex 89C8B0 Background



This preview shows how black text looks on a background with the Hex color 89C8B0.



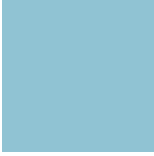
This preview shows how white text looks on a background with the Hex color 89C8B0.

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](#).

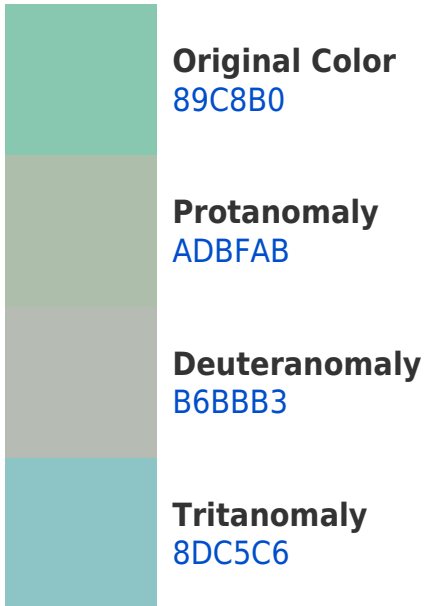
Dichromacy



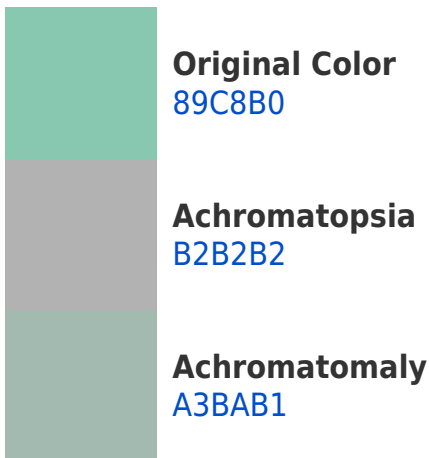


Tritanopia
90C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 89C8B0 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 #89C8B0 looks like.

```
.text, #text, p{  
    color:#89C8B0  
}
```

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 #89C8B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89C8B0
}
```

Border

The CSS property to change the border of an element to Hex 89C8B0 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
#89C8B0 }
```

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

```
.border{ border-color:#89C8B0 }
```

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

Here you see how a box with a 4 pixel #89C8B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89C8B0; -webkit-box-shadow:4px 4px  
4px 4px #89C8B0; box-shadow:4px 4px 4px  
4px #89C8B0 }
```

Background

The CSS property to change the background color of an element to Hex 89C8B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89C8B0 }
```

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

```
.background{ background-color:#89C8B0 }
```

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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