

Converting Colors

Hex(1C8A87)

Have a look what the booklet for
Hex(1C8A87) contains.

Hex(1C8A87)	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(1C8A87)

Conversions

Conversions Part 1

Format	Color
Hex	1C8A87
RGB	28, 138, 135
RGB Percent	11%, 54%, 53%
CMY	0.8902, 0.4588, 0.4706
CMYK	0.80, 0.00, 0.02, 0.46
HSL	178°, 66%, 33%
HSV	178°, 80%, 54%
XYZ	13.9405, 20.1731, 26.0807
YIQ	104.7680, -64.5970, -24.2530

Conversions

Conversions Part 2

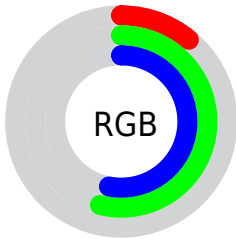
Format	Color
R_{YB}	28, 84, 138
Decimal	1870471
CIE _{Lab}	52.03, -29.56, -6.91
CIE _{LCh}	52, 30.356, 193.159
Yxy	20.1731, 0.2316, 0.3351
Android (android.graphics.Color)	4280060551 (0xFF1C8A87)
YUV	104.7680, 14.9044, -67.3255
Hunter-Lab	44.9145, -23.1976, -2.9881




Details

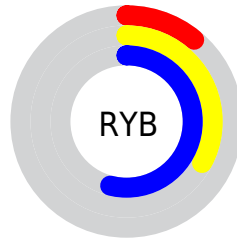
The Hex color **1C8A87** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A1C1F**, and the grayscale version is **696969**.




A 20% lighter version of the original color is **5EC0BC**, and **005755** is the 20% darker color. If you saturate the color by 10%, you get **0E8A87**, and if you desaturate by 10%, it is **2A8A87**.

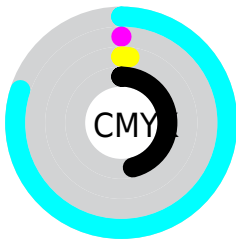
Distribution







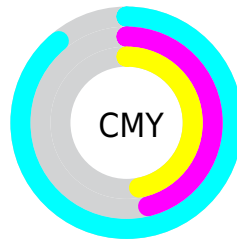
-  Red (11%)
-  Green (54%)
-  Blue (53%)






-  Red (11%)
-  Yellow (33%)
-  Blue (54%)



-  Cyan (80%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (46%)



-  Cyan (89%)
-  Magenta (46%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C8A87 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 1C8A87 by changing the saturation by 10% instead.



1C8A87



1C8A87

FFFFFF



00706E



5EC0BC



005755



7BDCD8



003F3E



98F9F4



002928



B5FFFF



000E14



D2FFFF



000000



EFFFFFF



1C8A87



1C8A87



0E8A87



2A8A87

■ 008A86

■ 388A88

■ 458A88

■ 538A89

■ 618A89

■ 6F8A89

■ 7D8A8A

■ 8A8A8A

■ 988A8A

Harmonies

Analogous

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



44896C



1C8A87



07889F

Triad

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



1C8A87



8E71A2



9A754A

Complementary

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



1C8A87



8A1C1F

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.



AA6D5A



1C8A87



A66A8C

Square

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



1C8A87



697BAE



AF6871



827E49

Rectangle

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



1C8A87



2B85AA



AF6871



A0724E

Sweetspot

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



1C8A87



88B3B1



208A1C



3F5959



D9D9D9



595959

Same Dimension

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



1C8A87



07B3AE



1C578A



3E4545



008581



000505

Inverse Universe

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



8A1C1F



B3070C



8A4F1C



453E3E



850004



050000

Previews

White Background



This preview shows how the Hex color 1C8A87 looks on a white background.

Color Contrast Check

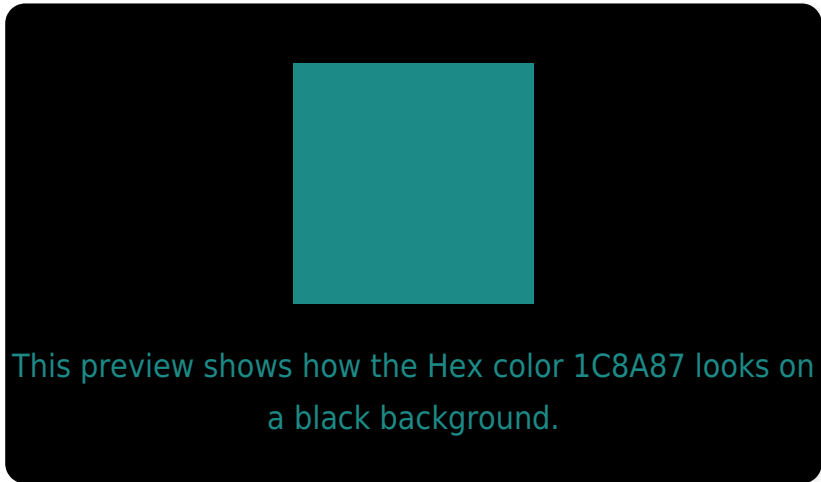
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

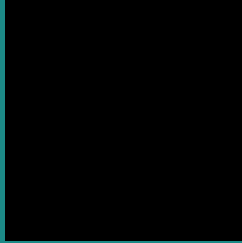
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1C8A87 Background



This preview shows how black text looks on a background with the Hex color 1C8A87.

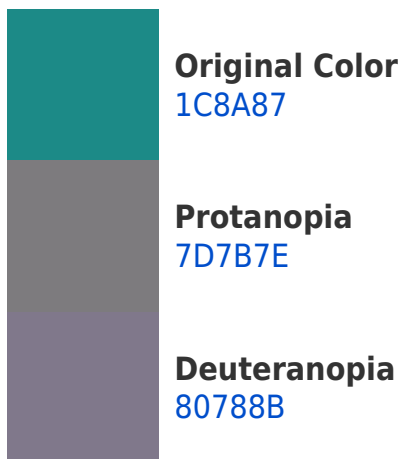


This preview shows how white text looks on a background with the Hex color 1C8A87.

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
268893

Trichromacy



Original Color
1C8A87



Protanomaly
5A8081



Deuteranomaly
5C7F8A



Tritanomaly
22898F

Monochromacy



Original Color
1C8A87



Achromatopsia
696969



Achromatomaly
4D7574

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C8A87 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 #1C8A87 looks like.

```
.text, #text, p{  
    color:#1C8A87  
}
```

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 #1C8A87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C8A87
}
```

Border

The CSS property to change the border of an element to Hex 1C8A87 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
#1C8A87 }
```

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

```
.border{ border-color:#1C8A87 }
```

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

Here you see how a box with a 4 pixel #1C8A87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C8A87; -webkit-box-shadow:4px 4px  
4px 4px #1C8A87; box-shadow:4px 4px 4px  
4px #1C8A87 }
```

Background

The CSS property to change the background color of an element to Hex 1C8A87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C8A87 }
```

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

```
.background{ background-color:#1C8A87 }
```

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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