

Converting Colors

Hex(1C817C)

Have a look what the booklet for
Hex(1C817C) contains.

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Color

Hex(1C817C)

Conversions

Conversions Part 1

Format	Color
Hex	1C817C
RGB	28, 129, 124
RGB Percent	11%, 51%, 49%
CMY	0.8902, 0.4941, 0.5137
CMYK	0.78, 0.00, 0.04, 0.49
HSL	177°, 64%, 31%
HSV	177°, 78%, 51%
XYZ	11.9672, 17.4026, 21.7971
YIQ	98.2310, -58.5910, -22.9670

Conversions

Conversions Part 2

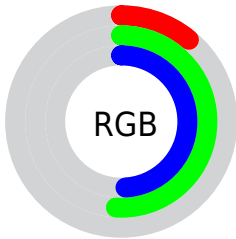
Format	Color
R_{YB}	28, 80, 129
Decimal	1868156
CIE _{Lab}	48.76, -28.55, -5.34
CIE _{LCh}	49, 29.043, 190.588
Yxy	17.4026, 0.2339, 0.3401
Android (android.graphics.Color)	4280058236 (0xFF1C817C)
YUV	98.2310, 12.7041, -61.5926
Hunter-Lab	41.7165, -21.7973, -1.7778

Details

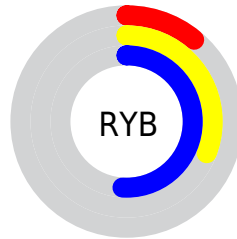
The Hex color **1C817C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **811C21**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5CB6B0**, and **004F4B** is the 20% darker color. If you saturate the color by 10%, you get **0F817B**, and if you desaturate by 10%, it is **29817D**.

Distribution



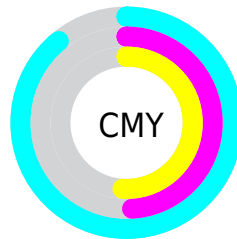
- Red (11%)
- Green (51%)
- Blue (49%)



- Red (11%)
- Yellow (31%)
- Blue (51%)



- Cyan (78%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (89%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C817C 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 1C817C by changing the saturation by 10% instead.



1C817C



1C817C

FFFFFF



006863



5CB6B0



004F4B



78D2CC



003835



94EFE8



002320



B1FFFF



000008



CEFFFF



000000



EBFFFF



1C817C



1C817C



0F817B



29817D

■ 02817B

■ 36817D

■ 00817B

■ 43817E

■ 50817F

■ 5D817F

■ 698180

■ 768180

■ 838181

■ 908182

Harmonies

Analogous

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



418063



1C817C



017F93

Triad

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



1C817C



826A99



926D46

Complementary

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



1C817C



811C21

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.



A06555



1C817C



9A6385

Square

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



1C817C



5E73A4



A4616C



7B7543

Rectangle

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



1C817C



227D9E



A4616C



976A4A

Sweetspot

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



1C817C



82A8A6



21811C



3D5453



D4D4D4



545454

Same Dimension

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



1C817C



0AA8A0



1C5481



39403F



008079



000000

Inverse Universe

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



811C21



A80A12



81491C



40393A



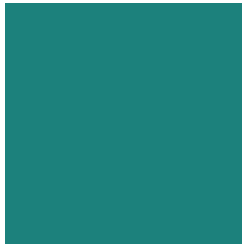
800006



000000

Previews

White Background



This preview shows how the Hex color 1C817C looks on a white background.

Color Contrast Check

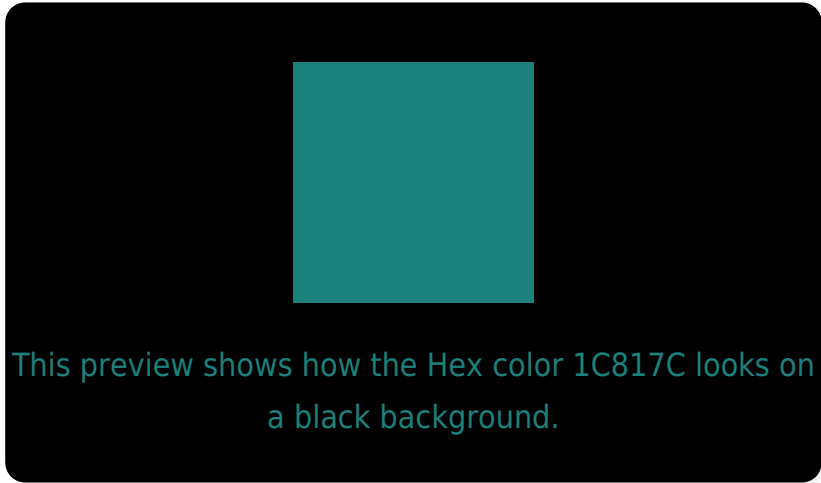
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

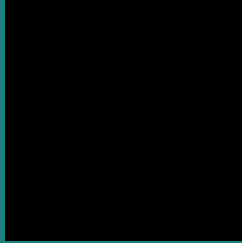
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C817C Background



This preview shows how black text looks on a background with the Hex color 1C817C.

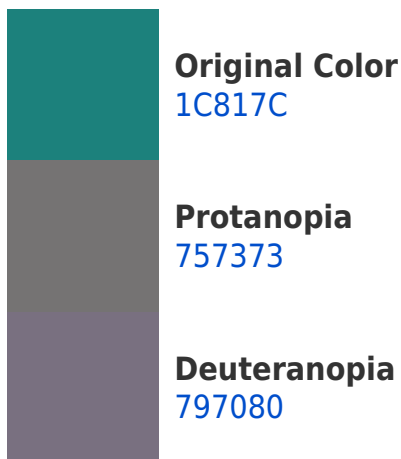


This preview shows how white text looks on a background with the Hex color 1C817C.

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
267F89

Trichromacy



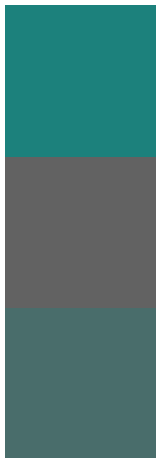
Original Color
1C817C

Protanomaly
557876

Deuteranomaly
57767F

Tritanomaly
228084

Monochromacy



Original Color
1C817C

Achromatopsia
626262

Achromatomaly
496D6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C817C 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 #1C817C looks like.

```
.text, #text, p{  
    color:#1C817C  
}
```

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 #1C817C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C817C
}
```

Border

The CSS property to change the border of an element to Hex 1C817C 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
#1C817C }
```

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

```
.border{ border-color:#1C817C }
```

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

Here you see how a box with a 4 pixel #1C817C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C817C; -webkit-box-shadow:4px 4px  
4px 4px #1C817C; box-shadow:4px 4px 4px  
4px #1C817C }
```

Background

The CSS property to change the background color of an element to Hex 1C817C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C817C }
```

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

```
.background{ background-color:#1C817C }
```

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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