

Converting Colors

Hex(1C7777)

Have a look what the booklet for
Hex(1C7777) contains.

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Color

Hex(1C7777)

Conversions

Conversions Part 1

Format	Color
Hex	1C7777
RGB	28, 119, 119
RGB Percent	11%, 47%, 47%
CMY	0.8902, 0.5333, 0.5333
CMYK	0.76, 0.00, 0.00, 0.53
HSL	180°, 62%, 29%
HSV	180°, 76%, 47%
XYZ	10.4055, 14.7724, 19.7557
YIQ	91.7910, -54.2360, -19.2920

Conversions

Conversions Part 2

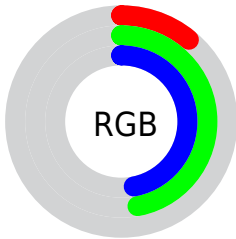
Format	Color
RYB	28, 74, 119
Decimal	1865591
CIELab	45.32, -25.12, -7.50
CIElCh	45, 26.219, 196.619
Yxy	14.7724, 0.2316, 0.3288
Android (android.graphics.Color)	4280055671 (0xFF1C7777)
YUV	91.7910, 13.4140, -55.9447
Hunter-Lab	38.4349, -18.9358, -3.5708

Details

The Hex color **1C7777** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771C1C**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **59ACAB**, and **004647** is the 20% darker color. If you saturate the color by 10%, you get **107777**, and if you desaturate by 10%, it is **287777**.

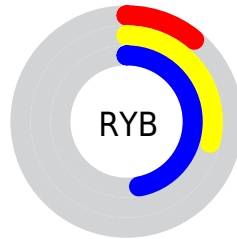
Distribution



Red (11%)

Green (47%)

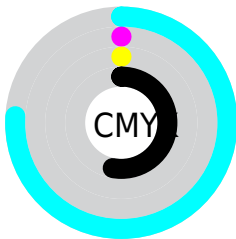
Blue (47%)



Red (11%)

Yellow (29%)

Blue (47%)

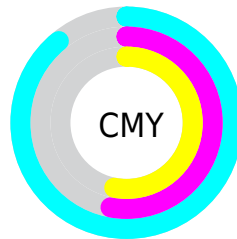


Cyan (76%)

Magenta (0%)

Yellow (0%)

Black (53%)



Cyan (89%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C7777 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 1C7777 by changing the saturation by 10% instead.

 1C7777

 1C7777

FFFFFF

 005E5E

 59ACAB

 004647

 75C7C6

 002F30

 91E3E2

 001C1B

 ADFFFF

 000000

 CAFFFF

 E7FFFF

 1C7777

 1C7777

 107777

 287777

■ 047777

■ 347777

■ 007777

■ 407777

■ 4C7777

■ 577777

■ 637777

■ 6F7777

■ 7B7777

■ 877777

Harmonies

Analogous

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



397660



1C7777



18758A

Triad

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



1C7777



7D6189



826741

Complementary

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



1C7777



771C1C

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.



915F4C



1C7777



905B76

Square

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



1C7777



606995



965B60



6E6E41

Rectangle

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



1C7777



2F7293



965B60



886444

Sweetspot

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



1C7777



789C9C



1C771C



394F4F



CFCFCF



4F4F4F

Same Dimension

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



1C7777



0C9C9C



1C4977



353B3B



007A7A



00FAFA

Inverse Universe

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



771C77



9C0C9C



77491C



3B353B



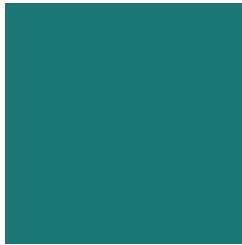
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 1C7777 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

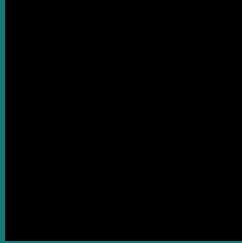
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

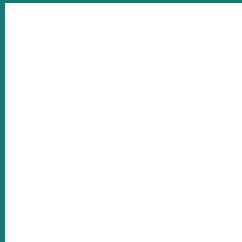
Any Text WCAG AAA × Fail

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

Hex 1C7777 Background



This preview shows how black text looks on a background with the Hex color 1C7777.

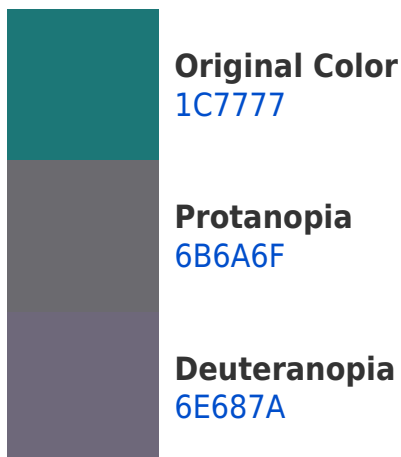



This preview shows how white text looks on a background with the Hex color 1C7777.

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
22767F

Trichromacy



Original Color
1C7777

Protanomaly
4E6F72

Deuteranomaly
506D79

Tritanomaly
20767C

Monochromacy



Original Color
1C7777

Achromatopsia
5C5C5C

Achromatomaly
456666

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C7777 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 #1C7777 looks like.

```
.text, #text, p{  
    color:#1C7777  
}
```

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 #1C7777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C7777  
}
```

Border

The CSS property to change the border of an element to Hex 1C7777 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  
#1C7777 }
```

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

```
.border{ border-color:#1C7777 }
```

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

Here you see how a box with a 4 pixel #1C7777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C7777; -webkit-box-shadow:4px 4px  
4px 4px #1C7777; box-shadow:4px 4px 4px  
4px #1C7777 }
```

Background

The CSS property to change the background color of an element to Hex 1C7777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C7777 }
```

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

```
.background{ background-color:#1C7777 }
```

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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