

Converting Colors

Hex(1C1717)

Have a look what the booklet for
Hex(1C1717) contains.

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Color

Hex(1C1717)

Conversions

Conversions Part 1

Format	Color
Hex	1C1717
RGB	28, 23, 23
RGB Percent	11%, 9%, 9%
CMY	0.8902, 0.9098, 0.9098
CMYK	0.00, 0.18, 0.18, 0.89
HSL	0°, 10%, 10%
HSV	0°, 18%, 11%
XYZ	0.9399, 0.9215, 0.9389
YIQ	24.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

Format	Color
R _Y B	28, 23, 23
Decimal	1840919
CIE Lab	8.32, 2.50, 0.91
CIE LCh	8, 2.658, 20.126
Yxy	0.9215, 0.3356, 0.3291
Android (android.graphics.Color)	4280030999 (0xFF1C1717)
YUV	24.4950, -0.7370, 3.0739
Hunter-Lab	9.5996, 0.6783, 0.9206

Details

The Hex color **1C1717** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **171C1C**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **474141**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C1414**, and if you desaturate by 10%, it is **1C1A1A**.

Distribution



Red (11%)

Green (9%)

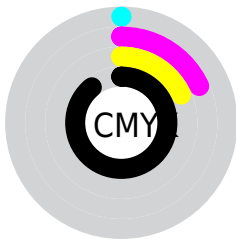
Blue (9%)



Red (11%)

Yellow (9%)

Blue (9%)



Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (89%)



Cyan (89%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1717 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 1C1717 by changing the saturation by 10% instead.

■ 1C1717

■ 1C1717

■ FFF9F8

■ 000000

■ 474141

■ 5F5959

■ 787171

■ 918B8B

■ ACA5A5

■ C7C0C0

■ E3DCDC

■ 1C1717

■ 1C1717

■ 1C1414

■ 1C1A1A

■ 1C1111

■ 1C1D1D

■ 1C0F0F

■ 1C1F1F

■ 1C0C0C

■ 1C2222

■ 1C0909

■ 1C2525

■ 1C0606

■ 1C2828

■ 1C0303

■ 1C2B2B

■ 1C0101

■ 1C2D2D

■ 1C0000

■ 1C3030

Harmonies

Analogous

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



1B1719



1C1717



1C1715

Triad

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



1C1717



161916



16181C

Complementary

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



1C1717



171C1C

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.



14191B



1C1717



151917

Square

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



1C1717



181815



141919



18181B

Rectangle

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



1C1717



1B1815



141919



15191B

Sweetspot

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



1C1717



242222



1C171C



121111



919191



121212

Same Dimension

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



1C1717



241C1C



1C1917



0D0B0B



4D0000



CC0000

Inverse Universe

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



171C1C



1C2424



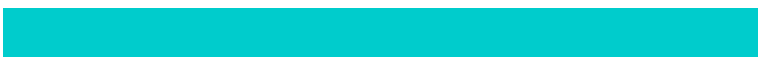
17191C



0B0D0D



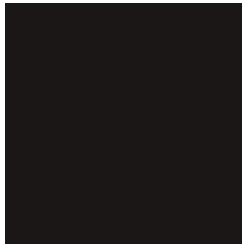
004D4D



00CCCC

Previews

White Background



This preview shows how the Hex color 1C1717 looks on a white background.

Color Contrast Check

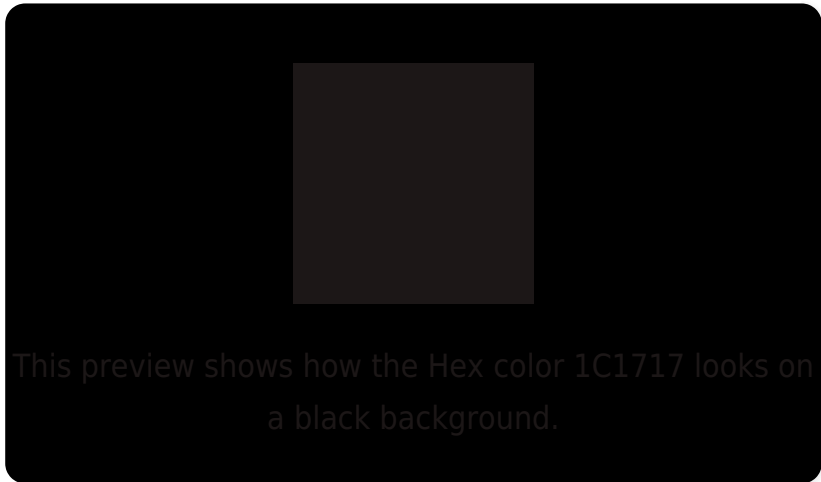
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

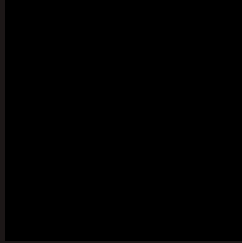
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 1C1717 Background



This preview shows how black text looks on a background with the Hex color 1C1717.

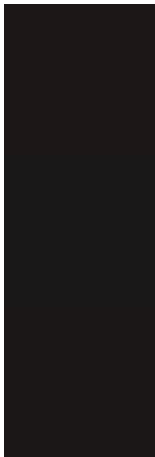


This preview shows how white text looks on a background with the Hex color 1C1717.

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



Original Color
1C1717

Protanopia
191818

Deuteranopia
1B1717



Tritanopia
1C1719

Trichromacy



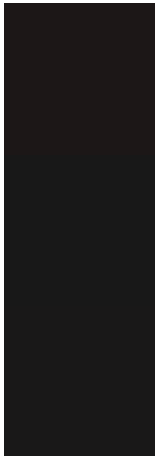
Original Color
1C1717

Protanomaly
1A1818

Deuteranomaly
1B1717

Tritanomaly
1C1718

Monochromacy



Original Color
1C1717

Achromatopsia
181818

Achromatomaly
191818

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1717 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 #1C1717 looks like.

```
.text, #text, p{  
    color:#1C1717  
}
```

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 #1C1717 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1717
}
```

Border

The CSS property to change the border of an element to Hex 1C1717 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
#1C1717 }
```

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

```
.border{ border-color:#1C1717 }
```

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

Here you see how a box with a 4 pixel #1C1717 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1717; -webkit-box-shadow:4px 4px  
4px 4px #1C1717; box-shadow:4px 4px 4px  
4px #1C1717 }
```

Background

The CSS property to change the background color of an element to Hex 1C1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1717 }
```

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

```
.background{ background-color:#1C1717 }
```

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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