

Converting Colors

Hex(1C0117)

Have a look what the booklet for
Hex(1C0117) contains.

Hex(1C0117)	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(1C0117)

Conversions

Conversions Part 1

Format	Color
Hex	1C0117
RGB	28, 1, 23
RGB Percent	11%, 0%, 9%
CMY	0.8902, 0.9961, 0.9098
CMYK	0.00, 0.96, 0.18, 0.89
HSL	311°, 93%, 6%
HSV	311°, 96%, 11%
XYZ	0.6444, 0.3304, 0.8404
YIQ	11.5810, 9.0300, 12.5660

Conversions

Conversions Part 2

Format	Color
RYB	28, 1, 23
Decimal	1835287
CIELab	2.98, 13.53, -6.87
CIELCh	3, 15.177, 333.067
Yxy	0.3304, 0.3550, 0.1820
Android (android.graphics.Color)	4280025367 (0xFF1C0117)
YUV	11.5810, 5.6296, 14.3995
Hunter-Lab	5.7484, 9.9500, -4.6444

Details

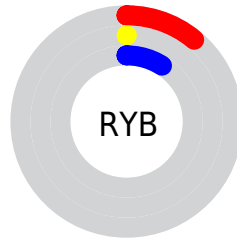
The Hex color **1C0117** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **011C06**, and the grayscale version is **0C0C0C**.

A 20% lighter version of the original color is **463041**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1C0017**, and if you desaturate by 10%, it is **1C0418**.

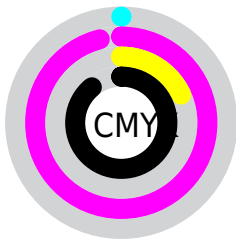
Distribution



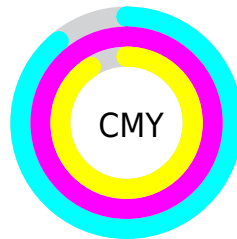
- Red (11%)
- Green (0%)
- Blue (9%)



- Red (11%)
- Yellow (0%)
- Blue (9%)



- Cyan (0%)
- Magenta (96%)
- Yellow (18%)
- Black (89%)



- Cyan (89%)
- Magenta (100%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0117 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 1C0117 by changing the saturation by 10% instead.

 1C0117

 1C0117


 FFE3F8

 000000

 463041

 5E4659

 775E71

 91778B

 AB91A5

 C7ABC0

 E3C7DC

 1C0117

 1C0117

■ 1C0017

■ 1C0418

■ 1C0718

■ 1C0919

■ 1C0C19

■ 1C0F1A

■ 1C121A

■ 1C151B

■ 1C171B

■ 1C1A1C

Harmonies

Analogous

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



10061E



1C0117



21000A

Triad

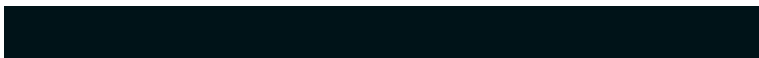
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C0117



0E0B00



001318

Complementary

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



1C0117



011C06

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.



00130C



1C0117



001000

Square

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



1C0117



1A0500



001200



00101F

Rectangle

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



1C0117



220000



001200



001315

Sweetspot

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



1C0117



241922



06011C



120C11



919191



121212

Same Dimension

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



1C0117



24001D



1C010A



0D0B0D



4D003E



CC00A6

Inverse Universe

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



1C0117



24001D



011C13



0D0B0D



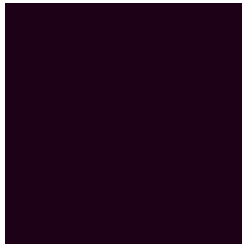
4D003E



CC00A6

Previews

White Background



This preview shows how the Hex color 1C0117 looks on a white background.

Color Contrast Check

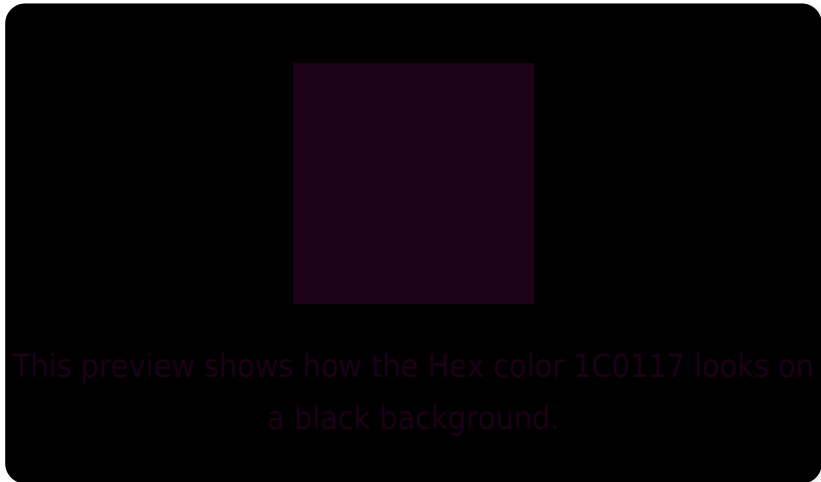
Large Text (above 18pt) WCAG AA ✓ Pass

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

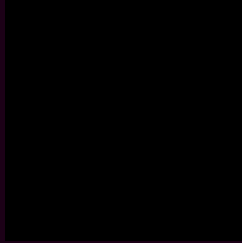
Any Text WCAG AA × Fail

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 1C0117 Background



This preview shows how black text looks on a background with the Hex color 1C0117.



This preview shows how white text looks on a background with the Hex color 1C0117.

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](#).

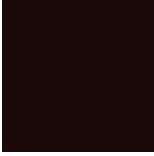
Dichromacy



Original Color
1C0117

Protanopia
000F20

Deuteranopia
0D0F16



Tritanopia
1B090A

Trichromacy



Original Color
1C0117

Protanomaly
0A0A1D

Deuteranomaly
120A16

Tritanomaly
1B060F

Monochromacy



Original Color
1C0117

Achromatopsia
0C0C0C

Achromatomaly
120810

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0117 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 #1C0117 looks like.

```
.text, #text, p{  
    color:#1C0117  
}
```

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 #1C0117 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0117
}
```

Border

The CSS property to change the border of an element to Hex 1C0117 is called "border". The border property can be set on classes, ids or directly on the HTML element.

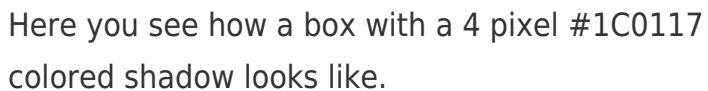
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0117 }
```

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

```
.border{ border-color:#1C0117 }
```

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



Here you see how a box with a 4 pixel #1C0117 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0117; -webkit-box-shadow:4px 4px  
4px 4px #1C0117; box-shadow:4px 4px 4px  
4px #1C0117 }
```

Background

The CSS property to change the background color of an element to Hex 1C0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0117 }
```

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

```
.background{ background-color:#1C0117 }
```

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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