

Converting Colors

Hex(171C20)

Have a look what the booklet for
Hex(171C20) contains.

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Color

Hex(171C20)

Conversions

Conversions Part 1

Format	Color
Hex	171C20
RGB	23, 28, 32
RGB Percent	9%, 11%, 13%
CMY	0.9098, 0.8902, 0.8745
CMYK	0.28, 0.12, 0.00, 0.87
HSL	207°, 16%, 11%
HSV	207°, 28%, 13%
XYZ	1.0293, 1.1170, 1.5278
YIQ	26.9610, -4.2640, 0.1840

Conversions

Conversions Part 2

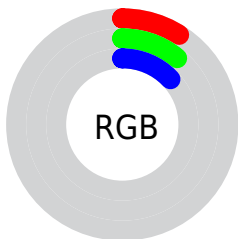
Format	Color
RYB	23, 26, 32
Decimal	1514528
CIELab	9.93, -1.15, -3.53
CIELCh	10, 3.714, 252.031
Yxy	1.1170, 0.2802, 0.3040
Android (android.graphics.Color)	4279704608 (0xFF171C20)
YUV	26.9610, 2.4842, -3.4738
Hunter-Lab	10.5686, -1.1102, -1.1732

Details

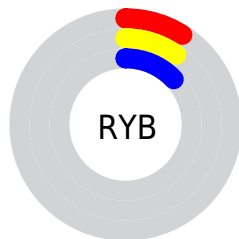
The Hex color **171C20** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **201B17**, and the grayscale version is **1B1B1B**.

A 20% lighter version of the original color is **42474C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **141B20**, and if you desaturate by 10%, it is **1A1D20**.

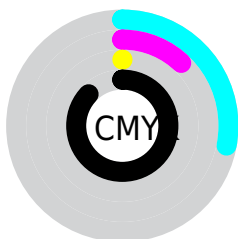
Distribution



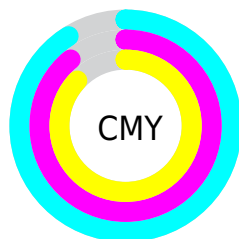
- Red (9%)
- Green (11%)
- Blue (13%)



- Red (9%)
- Yellow (10%)
- Blue (13%)



- Cyan (28%)
- Magenta (12%)
- Yellow (0%)
- Black (87%)



- Cyan (91%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 171C20 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 171C20 by changing the saturation by 10% instead.

■ 171C20

■ 171C20

■ F9FFFF

■ 000008

■ 42474C

■ 000000

■ 595F64

■ 72787D

■ 8B9196

■ A5ACB1

■ C1C7CD

■ DDE3E9

■ 171C20

■ 171C20

■ 141B20

■ 1A1D20

■ 111920

■ 1D1F20

■ 0D1820

■ 212020

■ 0A1620

■ 242220

■ 071520

■ 272320

■ 041320

■ 2A2520

■ 011220

■ 2D2620

■ 001220

■ 312720

■ 342920

Harmonies

Analogous

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



151D1F



171C20



1A1B20

Triad

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



171C20



211A1A



191C18

Complementary

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



171C20



201B17

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.



1C1B16



171C20



201A18

Square

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



171C20



1F1A1D



1F1B17



171D1A

Rectangle

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



171C20



1C1B20



1F1B17



1A1C17

Sweetspot

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



171C20



262729



17201B



121314



949494



141414

Same Dimension

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



171C20



1B2329



171820



0E0F0F



002C4F



0073CF

Inverse Universe

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



20171C



291B23



201F17



0F0E0F



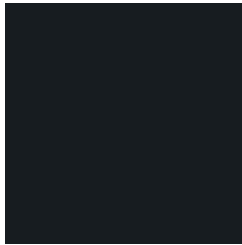
4F002C



CF0073

Previews

White Background



This preview shows how the Hex color 171C20 looks on a white background.

Color Contrast Check

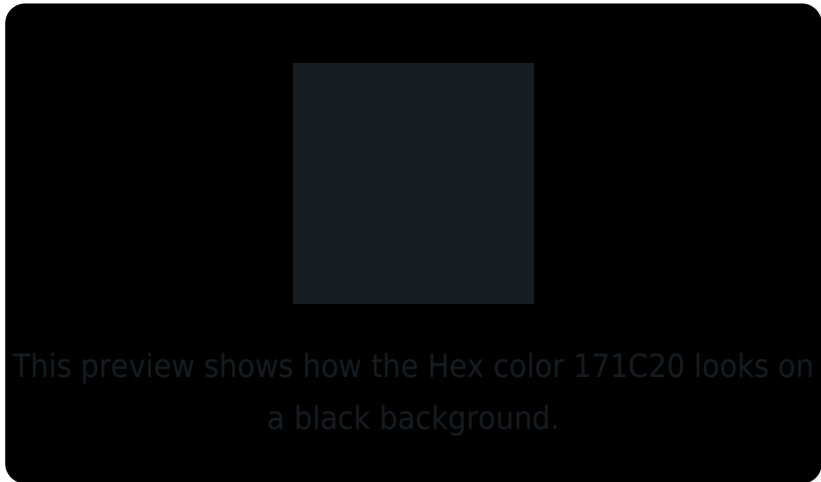
Large Text (above 18pt) WCAG AA ✓ Pass

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

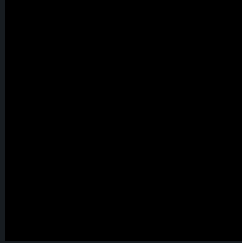
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

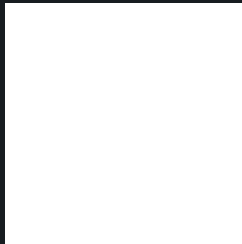
Any Text WCAG AAA × Fail

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

Hex 171C20 Background



This preview shows how black text looks on a background with the Hex color 171C20.



This preview shows how white text looks on a background with the Hex color 171C20.

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
171C20

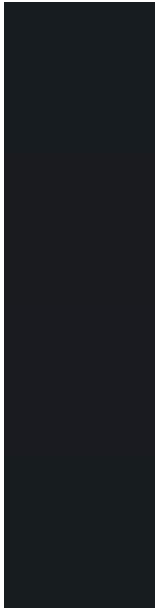
Protanopia
1B1B1F

Deuteranopia
1C1B20



Tritanopia
171C1F

Trichromacy



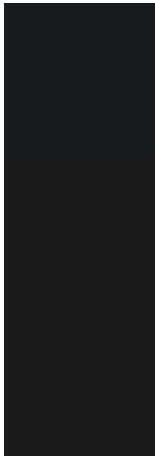
Original Color
171C20

Protanomaly
1A1B1F

Deuteranomaly
1A1B20

Tritanomaly
171C1F

Monochromacy



Original Color
171C20

Achromatopsia
1B1B1B

Achromatomaly
1A1B1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 171C20 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 #171C20 looks like.

```
.text, #text, p{  
    color:#171C20  
}
```

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 #171C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #171C20
}
```

Border

The CSS property to change the border of an element to Hex 171C20 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
#171C20 }
```

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

```
.border{ border-color:#171C20 }
```

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

Here you see how a box with a 4 pixel #171C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #171C20; -webkit-box-shadow:4px 4px  
4px 4px #171C20; box-shadow:4px 4px 4px  
4px #171C20 }
```

Background

The CSS property to change the background color of an element to Hex 171C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#171C20 }
```

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

```
.background{ background-color:#171C20 }
```

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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