

Converting Colors

RGB(171, 27, 121)

Have a look what the booklet for
RGB(171, 27, 121) contains.

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Color

RGB(171, 27, 121)

Conversions

Conversions Part 1

Format	Color
Hex	AB1B79
RGB	171, 27, 121
RGB Percent	67%, 11%, 47%
CMY	0.3294, 0.8941, 0.5255
CMYK	0.00, 0.84, 0.29, 0.33
HSL	321°, 73%, 39%
HSV	321°, 84%, 67%
XYZ	20.6377, 10.8223, 19.0903
YIQ	80.7720, 55.6500, 59.7620

Conversions

Conversions Part 2

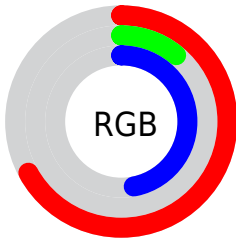
Format	Color
RYB	171, 27, 121
Decimal	11213689
CIELab	39.28, 62.25, -16.63
CIElCh	39, 64.432, 345.043
Yxy	10.8223, 0.4083, 0.2141
Android (android.graphics.Color)	4289403769 (0xFFAB1B79)
YUV	80.7720, 19.8324, 79.1300
Hunter-Lab	32.8972, 54.4099, -11.3781

Details

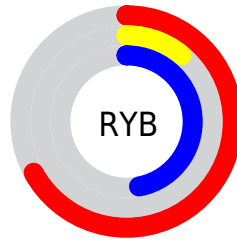
The RGB color **171, 27, 121** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **27, 171, 77**, and the grayscale version is **81, 81, 81**.

A 20% lighter version of the original color is **230, 91, 173**, and **114, 0, 72** is the 20% darker color. If you saturate the color by 10%, you get **171, 10, 115**, and if you desaturate by 10%, it is **171, 44, 127**.

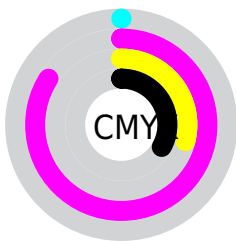
Distribution



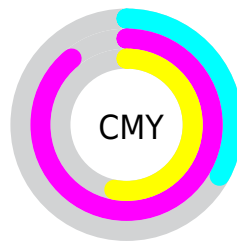
- Red (67%)
- Green (11%)
- Blue (47%)



- Red (67%)
- Yellow (11%)
- Blue (47%)



- Cyan (0%)
- Magenta (84%)
- Yellow (29%)
- Black (33%)





- Cyan (33%)
- Magenta (89%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 27, 121 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 RGB color 171, 27, 121 by changing the saturation by 10% instead.

 171, 27, 121

 171, 27, 121

255, 255, 255

 142, 0, 96

 230, 91, 173

 114, 0, 72

 255, 119, 201

 86, 0, 50

 255, 147, 229

 61, 0, 29


 255, 176, 255


 30, 0, 1


 255, 205, 255


 0, 0, 0

 255, 234, 255

 171, 27, 121

 171, 27, 121

 171, 10, 115

 171, 44, 127

■ 171, 0, 112

■ 171, 61, 133

■ 171, 78, 139

■ 171, 95, 145

■ 171, 112, 151

■ 171, 130, 157

■ 171, 147, 163

■ 171, 164, 168

■ 171, 181, 174

Harmonies

Analogous

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



126, 63, 168



171, 27, 121



182, 18, 69

Triad

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



171, 27, 121



89, 98, 0



0, 113, 166

Complementary

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



171, 27, 121



27, 171, 77

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.



0, 115, 118



171, 27, 121



5, 108, 0

Square

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



171, 27, 121



134, 80, 0



0, 113, 63



0, 106, 195

Rectangle

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



171, 27, 121



175, 41, 35



0, 113, 63



0, 114, 152

Sweetspot

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



171, 27, 121



222, 166, 203



75, 27, 171



112, 79, 101



240, 240, 240



112, 112, 112

Same Dimension

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



171, 27, 121



222, 0, 145



171, 27, 51



87, 78, 84



150, 0, 98



23, 0, 15

Inverse Universe

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



171, 27, 121



222, 0, 145



27, 171, 147



87, 78, 84



150, 0, 98



23, 0, 15

Previews

White Background



This preview shows how the RGB color 171, 27, 121 looks on a white background.

Color Contrast Check

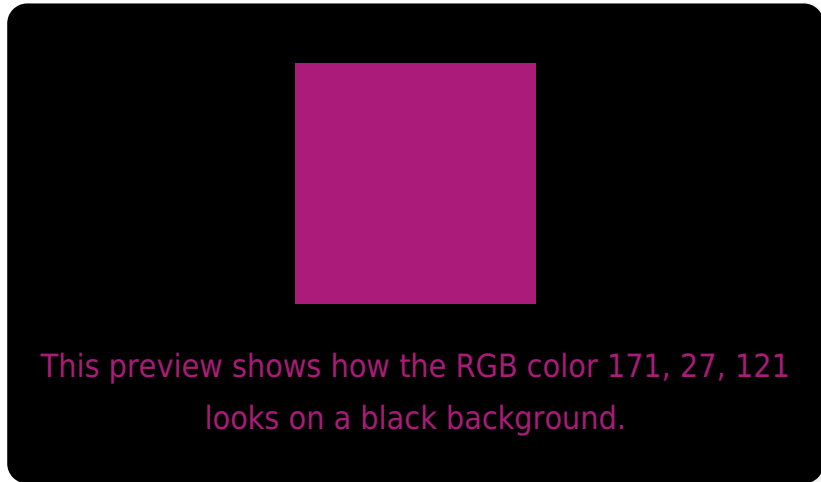
Large Text (above 18pt) WCAG AA ✓ Pass

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

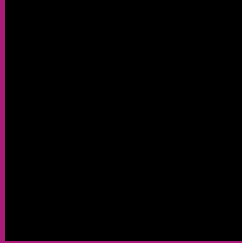
Any Text WCAG AA × Fail

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](#).

RGB 171, 27, 121 Background



This preview shows how black text looks on a background with the RGB color 171, 27, 121.



This preview shows how white text looks on a background with the RGB color 171, 27, 121.

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
171, 27, 121

Protanopia
59, 92, 167

Deuteranopia
93, 92, 113



Tritanopia
166, 53, 55

Trichromacy



Original Color

171, 27, 121

Protanomaly

100, 68, 150

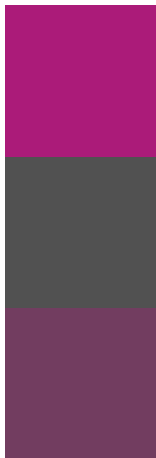
Deuteranomaly

121, 68, 116

Tritanomaly

168, 44, 79

Monochromacy



Original Color

171, 27, 121

Achromatopsia

81, 81, 81

Achromatomaly

114, 61, 96

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 27, 121 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 `rgb(171, 27, 121)` looks like.

```
.text, #text, p{  
    color:rgb(171, 27, 121)  
}
```

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 rgb(171, 27, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 27, 121) }
```

Border

The CSS property to change the border of an element to RGB 171, 27, 121 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 rgb(171, 27, 121) }
```

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

```
.border{ border-color:rgb(171, 27, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 27, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 27, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 27, 121);  
box-shadow:4px 4px 4px 4px rgb(171, 27,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 171, 27, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 27, 121) }
```

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

```
.background{ background-color: rgb(171, 27,  
121) }
```

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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