

Converting Colors

RGB(177, 27, 136)

Have a look what the booklet for
RGB(177, 27, 136) contains.

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Color

RGB(177, 27, 136)

Conversions

Conversions Part 1

Format	Color
Hex	B11B88
RGB	177, 27, 136
RGB Percent	69%, 11%, 53%
CMY	0.3059, 0.8941, 0.4667
CMYK	0.00, 0.85, 0.23, 0.31
HSL	316°, 74%, 40%
HSV	316°, 85%, 69%
XYZ	22.9673, 11.9086, 24.3806
YIQ	84.2760, 54.4110, 65.6990

Conversions

Conversions Part 2

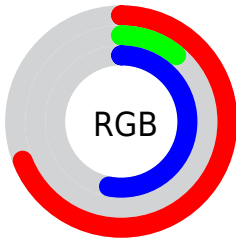
Format	Color
RYB	177, 27, 136
Decimal	11606920
CIELab	41.07, 65.44, -23.05
CIELCh	41, 69.378, 340.595
Yxy	11.9086, 0.3876, 0.2010
Android (android.graphics.Color)	4289797000 (0xFFB11B88)
YUV	84.2760, 25.4999, 81.3189
Hunter-Lab	34.5088, 58.4104, -17.7325

Details

The RGB color **177, 27, 136** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **27, 177, 68**, and the grayscale version is **84, 84, 84**.

A 20% lighter version of the original color is **236, 93, 190**, and **120, 0, 86** is the 20% darker color. If you saturate the color by 10%, you get **177, 9, 131**, and if you desaturate by 10%, it is **177, 45, 141**.

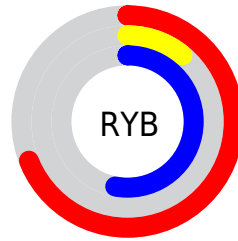
Distribution



Red (69%)

Green (11%)

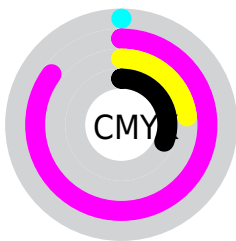
Blue (53%)



Red (69%)

Yellow (11%)

Blue (53%)

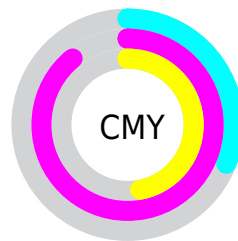


Cyan (0%)

Magenta (85%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 27, 136 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 177, 27, 136 by changing the saturation by 10% instead.

 177, 27, 136

 177, 27, 136

255, 255, 255

 148, 0, 110

 236, 93, 190

 120, 0, 86

 255, 121, 217

 92, 0, 62

 255, 150, 246

 66, 0, 40

 255, 178, 255

 37, 0, 18

 255, 208, 255

 0, 0, 0

 255, 237, 255

 177, 27, 136

 177, 27, 136

 177, 9, 131

 177, 45, 141

■ 177, 0, 129

■ 177, 62, 146

■ 177, 80, 151

■ 177, 98, 155

■ 177, 115, 160

■ 177, 133, 165

■ 177, 151, 170

■ 177, 169, 175

■ 177, 186, 180

Harmonies

Analogous

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



121, 70, 185



177, 27, 136



194, 0, 80

Triad

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



177, 27, 136



100, 101, 0



0, 120, 170

Complementary

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



177, 27, 136



27, 177, 68

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, 121, 116



177, 27, 136



26, 113, 0

Square

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



177, 27, 136



148, 80, 0



0, 118, 56



0, 113, 205

Rectangle

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



177, 27, 136



188, 32, 43



0, 118, 56



0, 120, 154

Sweetspot

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



177, 27, 136



230, 172, 214



67, 27, 177



115, 80, 105



242, 242, 242



115, 115, 115

Same Dimension

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



177, 27, 136



230, 0, 167



177, 27, 62



89, 80, 87



153, 0, 111



26, 0, 19

Inverse Universe

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



177, 27, 136



230, 0, 167



27, 177, 142



89, 80, 87



153, 0, 111



26, 0, 19

Previews

White Background



This preview shows how the RGB color 177, 27, 136 looks on a white background.

Color Contrast Check

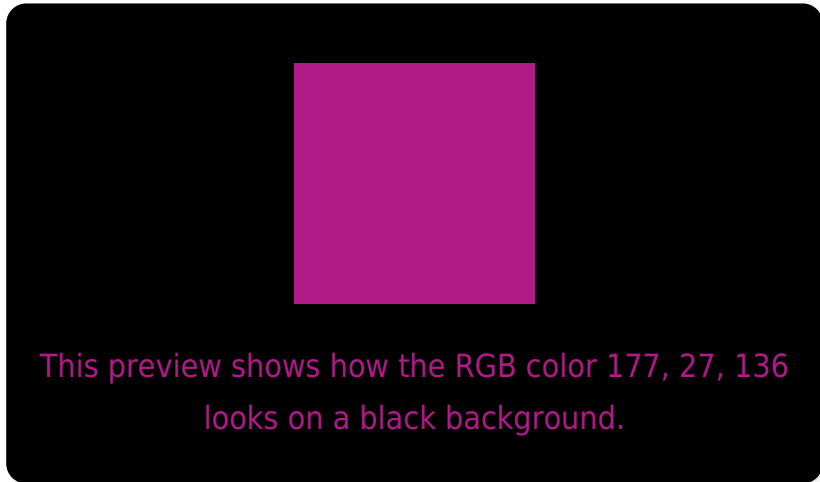
Large Text (above 18pt) WCAG AA ✓ Pass

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

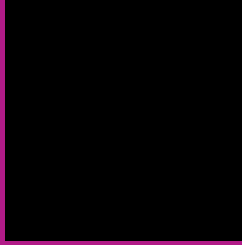
Any Text WCAG AA × Fail

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 177, 27, 136 Background



This preview shows how black text looks on a background with the RGB color 177, 27, 136.

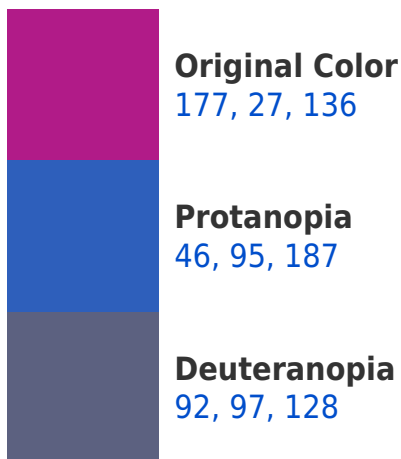


This preview shows how white text looks on a background with the RGB color 177, 27, 136.

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
171, 58, 61

Trichromacy



Original Color

177, 27, 136



Protanomaly

94, 70, 168



Deuteranomaly

123, 72, 131



Tritanomaly

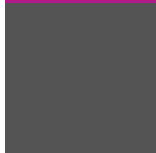
173, 47, 88

Monochromacy



Original Color

177, 27, 136



Achromatopsia

84, 84, 84



Achromatomaly

118, 63, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 27, 136 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(177, 27, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 27, 136)  
}
```

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(177, 27, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 27, 136) }
```

Border

The CSS property to change the border of an element to RGB 177, 27, 136 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(177, 27, 136) }
```

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

```
.border{ border-color:rgb(177, 27, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 27, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 27, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 27, 136); box-shadow:4px 4px 4px 4px rgb(177, 27, 136) }
```

Background

The CSS property to change the background color of an element to RGB 177, 27, 136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 27, 136) }
```

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

```
.background{ background-color: rgb(177, 27,  
136) }
```

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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