

Converting Colors

RGB(193, 27, 171)

Have a look what the booklet for
RGB(193, 27, 171) contains.

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Color

RGB(193, 27, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C11BAB
RGB	193, 27, 171
RGB Percent	76%, 11%, 67%
CMY	0.2431, 0.8941, 0.3294
CMYK	0.00, 0.86, 0.11, 0.24
HSL	308°, 75%, 43%
HSV	308°, 86%, 76%
XYZ	29.7349, 15.0616, 39.8680
YIQ	93.0500, 52.7120, 79.9760

Conversions

Conversions Part 2

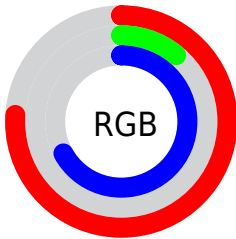
Format	Color
R_{YB}	193, 27, 171
Decimal	12655531
CIE _{Lab}	45.72, 73.40, -36.67
CIE _{LCh}	46, 82.050, 333.453
Yxy	15.0616, 0.3512, 0.1779
Android (android.graphics.Color)	4290845611 (0xFFC11BAB)
YUV	93.0500, 38.4293, 87.6561
Hunter-Lab	38.8093, 68.8471, -33.7410

Details

The RGB color **193, 27, 171** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **27, 193, 49**, and the grayscale version is **93, 93, 93**.

A 20% lighter version of the original color is **253, 97, 227**, and **135, 0, 118** is the 20% darker color. If you saturate the color by 10%, you get **193, 8, 168**, and if you desaturate by 10%, it is **193, 46, 174**.

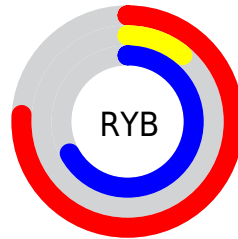
Distribution



Red (76%)

Green (11%)

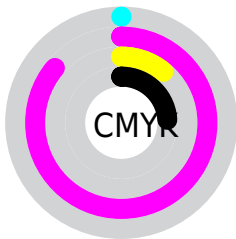
Blue (67%)



Red (76%)

Yellow (11%)

Blue (67%)

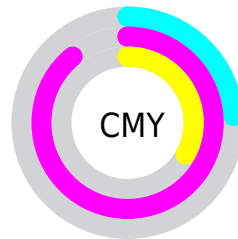


Cyan (0%)

Magenta (86%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (89%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 193, 27, 171 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 193, 27, 171 by changing the saturation by 10% instead.



193, 27, 171



193, 27, 171

255, 255, 255



164, 0, 144



253, 97, 227



135, 0, 118



255, 126, 255



106, 0, 93



255, 156, 255



79, 0, 69



255, 185, 255



52, 0, 46



255, 214, 255



16, 0, 24



255, 244, 255



0, 0, 0



193, 27, 171



193, 27, 171



193, 8, 168



193, 46, 174

■ 193, 0, 167

■ 193, 66, 176

■ 193, 85, 179

■ 193, 104, 181

■ 193, 123, 184

■ 193, 143, 186

■ 193, 162, 189

■ 193, 181, 191

■ 193, 201, 194

Harmonies

Analogous

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



108, 85, 225



193, 27, 171



223, 0, 104

Triad

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



193, 27, 171



126, 108, 0



0, 136, 183

Complementary

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



193, 27, 171



27, 193, 49

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, 136, 115



193, 27, 171



48, 125, 0

Square

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



193, 27, 171



179, 79, 0



0, 132, 40



0, 131, 232

Rectangle

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



193, 27, 171



221, 0, 59



0, 132, 40



0, 136, 162

Sweetspot

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



193, 27, 171



250, 185, 241



46, 27, 193



125, 86, 120



252, 252, 252



125, 125, 125

Same Dimension

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



193, 27, 171



250, 0, 217



193, 27, 91



97, 87, 96



161, 0, 139



33, 0, 29

Inverse Universe

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



193, 27, 171



250, 0, 217



27, 193, 129



97, 87, 96



161, 0, 139



33, 0, 29

Previews

White Background



This preview shows how the RGB color 193, 27, 171 looks on a white background.

Color Contrast Check

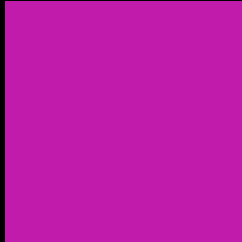
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 193, 27, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

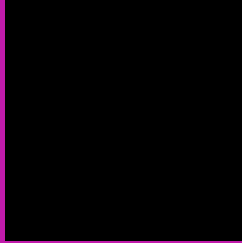
Any Text WCAG AA × Fail

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 193, 27, 171 Background



This preview shows how black text looks on a background with the RGB color 193, 27, 171.

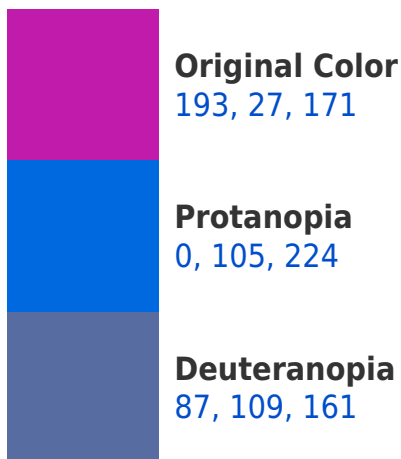


This preview shows how white text looks on a background with the RGB color 193, 27, 171.

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
184, 71, 75

Trichromacy



Original Color
193, 27, 171



Protanomaly
70, 77, 205



Deuteranomaly
126, 79, 165



Tritanomaly
187, 55, 110

Monochromacy



Original Color
193, 27, 171



Achromatopsia
93, 93, 93



Achromatomaly
129, 69, 121

CSS Examples

Text

The CSS property to change the color of the text to RGB 193, 27, 171 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(193, 27, 171)` looks like.

```
.text, #text, p{  
    color:rgb(193, 27, 171)  
}
```

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(193, 27, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 27, 171) }
```

Border

The CSS property to change the border of an element to RGB 193, 27, 171 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(193, 27, 171) }
```

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

```
.border{ border-color:rgb(193, 27, 171) }
```

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

Here you see how a box with a 4 pixel rgb(193, 27, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 27, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 27, 171);  
box-shadow:4px 4px 4px 4px rgb(193, 27,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 193, 27, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 27, 171) }
```

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

```
.background{ background-color: rgb(193, 27,  
171) }
```

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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