

Converting Colors

RGB(175, 87, 129)

Have a look what the booklet for
RGB(175, 87, 129) contains.

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Color

RGB(175, 87, 129)

Conversions

Conversions Part 1

Format	Color
Hex	AF5781
RGB	175, 87, 129
RGB Percent	69%, 34%, 51%
CMY	0.3137, 0.6588, 0.4941
CMYK	0.00, 0.50, 0.26, 0.31
HSL	331°, 35%, 51%
HSV	331°, 50%, 69%
XYZ	25.0498, 17.5153, 22.8294
YIQ	118.1000, 38.9660, 31.7180

Conversions

Conversions Part 2

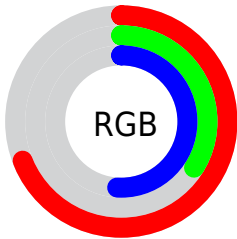
Format	Color
R_{YB}	175, 87, 129
Decimal	11491201
CIE _{Lab}	48.90, 40.82, -6.91
CIE _{LCh}	49, 41.400, 350.386
Yxy	17.5153, 0.3831, 0.2678
Android (android.graphics.Color)	4289681281 (0xFFAF5781)
YUV	118.1000, 5.3737, 49.9013
Hunter-Lab	41.8513, 33.6002, -3.0461

Details

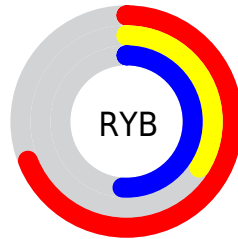
The RGB color **175, 87, 129** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **87, 175, 133**, and the grayscale version is **118, 118, 118**.

A 20% lighter version of the original color is **233, 139, 182**, and **120, 36, 80** is the 20% darker color. If you saturate the color by 10%, you get **175, 70, 120**, and if you desaturate by 10%, it is **175, 105, 138**.

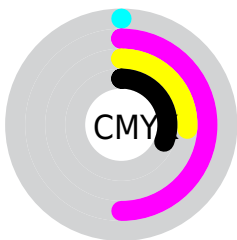
Distribution



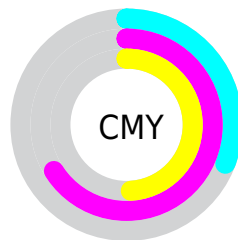
- Red (69%)
- Green (34%)
- Blue (51%)



- Red (69%)
- Yellow (34%)
- Blue (51%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (31%)























- Cyan (31%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 87, 129 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 175, 87, 129 by changing the saturation by 10% instead.

 175, 87, 129	 175, 87, 129
 255, 255, 255	 147, 62, 104
 233, 139, 182	 120, 36, 80
 255, 167, 209	 93, 4, 57
 255, 194, 238	 67, 0, 35
 255, 223, 255	 46, 0, 13
 255, 252, 255	 0, 0, 0

 175, 87, 129	 175, 87, 129
 175, 70, 120	 175, 105, 138
 175, 52, 111	 175, 122, 147

175, 34, 102

175, 139, 156

175, 17, 92

175, 157, 166

175, 0, 84

175, 175, 175

175, 192, 184

175, 210, 193

175, 227, 202

175, 244, 211

Harmonies

Analogous

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



148, 97, 161



175, 87, 129



181, 87, 94

Triad

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



175, 87, 129



113, 122, 47



0, 131, 169

Complementary

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



175, 87, 129



87, 175, 133

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, 134, 139



175, 87, 129



71, 129, 70

Square

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



175, 87, 129



146, 110, 45



0, 133, 103



0, 123, 185

Rectangle

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



175, 87, 129



176, 93, 72



0, 133, 103



0, 132, 161

Sweetspot

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



175, 87, 129



227, 193, 209



132, 87, 175



115, 94, 104



242, 242, 242



115, 115, 115

Same Dimension

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



175, 87, 129



227, 91, 156



175, 88, 87



87, 78, 82



150, 0, 72



23, 0, 11

Inverse Universe

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



175, 87, 129



227, 91, 156



87, 174, 175



87, 78, 82



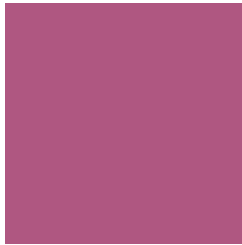
150, 0, 72



23, 0, 11

Previews

White Background



This preview shows how the RGB color 175, 87, 129 looks on a white background.

Color Contrast Check

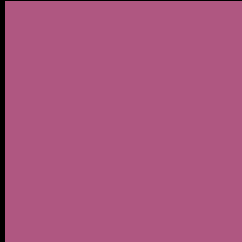
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 87, 129 looks on a black 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

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

RGB 175, 87, 129 Background



This preview shows how black text looks on a background with the RGB color 175, 87, 129.

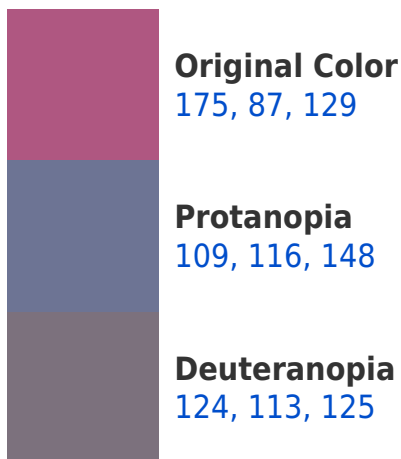


This preview shows how white text looks on a background with the RGB color 175, 87, 129.

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
172, 93, 100

Trichromacy



Original Color
175, 87, 129

Protanomaly
133, 105, 141

Deuteranomaly
143, 104, 126

Tritanomaly
173, 91, 111

Monochromacy



Original Color
175, 87, 129

Achromatopsia
118, 118, 118

Achromatomaly
139, 107, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 87, 129 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(175, 87, 129)` looks like.

```
.text, #text, p{  
    color:rgb(175, 87, 129)  
}
```

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(175, 87, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 87, 129) }
```

Border

The CSS property to change the border of an element to RGB 175, 87, 129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

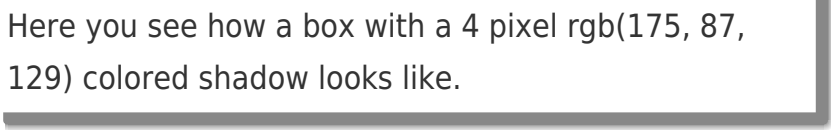
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 87, 129) }
```

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

```
.border{ border-color:rgb(175, 87, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 87, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 87, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 87, 129); box-shadow:4px 4px 4px 4px rgb(175, 87, 129) }
```

Background

The CSS property to change the background color of an element to RGB 175, 87, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 87, 129) }
```

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

```
.background{ background-color: rgb(175, 87,  
129) }
```

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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