

Converting Colors

RGB(180, 87, 100)

Have a look what the booklet for
RGB(180, 87, 100) contains.

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Color

RGB(180, 87, 100)

Conversions

Conversions Part 1

Format	Color
Hex	B45764
RGB	180, 87, 100
RGB Percent	71%, 34%, 39%
CMY	0.2941, 0.6588, 0.6078
CMYK	0.00, 0.52, 0.44, 0.29
HSL	352°, 38%, 52%
HSV	352°, 52%, 71%
XYZ	24.5308, 17.4398, 14.1299
YIQ	116.2890, 51.2550, 23.7590

Conversions

Conversions Part 2

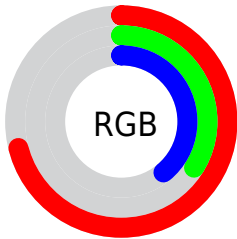
Format	Color
R_{YB}	180, 87, 100
Decimal	11818852
CIE Lab	48.81, 38.99, 10.48
CIE LCh	49, 40.376, 15.050
Yxy	17.4398, 0.4373, 0.3109
Android (android.graphics.Color)	4290008932 (0xFFB45764)
YUV	116.2890, -8.0305, 55.8745
Hunter-Lab	41.7610, 31.7711, 9.1718

Details

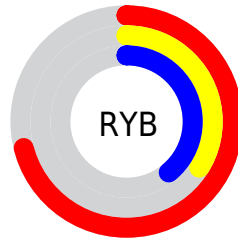
The RGB color **180, 87, 100** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **87, 180, 167**, and the grayscale version is **116, 116, 116**.

A 20% lighter version of the original color is **239, 139, 151**, and **123, 36, 54** is the 20% darker color. If you saturate the color by 10%, you get **180, 69, 85**, and if you desaturate by 10%, it is **180, 105, 115**.

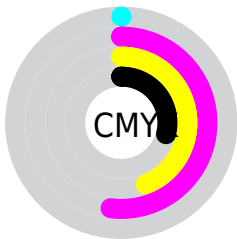
Distribution



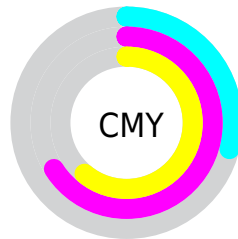
- Red (71%)
- Green (34%)
- Blue (39%)



- Red (71%)
- Yellow (34%)
- Blue (39%)



- Cyan (0%)
- Magenta (52%)
- Yellow (44%)
- Black (29%)



- Cyan (29%)
- Magenta (66%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 87, 100 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 180, 87, 100 by changing the saturation by 10% instead.



180, 87, 100



180, 87, 100

255, 255, 255



151, 62, 76



239, 139, 151



123, 36, 54



255, 166, 177



96, 5, 33



255, 194, 205



69, 0, 9



255, 223, 233



46, 0, 2



255, 252, 255



0, 0, 0



180, 87, 100



180, 87, 100



180, 69, 85



180, 105, 115




180, 51, 69




180, 123, 131


 180, 33, 54


 180, 141, 146

 180, 15, 38

 180, 159, 162

 180, 0, 25

 180, 177, 177

 180, 195, 193

 180, 213, 208

 180, 231, 224

 180, 249, 239

Harmonies

Analogous

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



170, 89, 134



180, 87, 100



172, 95, 69

Triad

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



180, 87, 100



81, 128, 66



0, 124, 182

Complementary

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



180, 87, 100



87, 180, 167

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, 131, 163



180, 87, 100



11, 132, 97

Square

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



180, 87, 100



119, 119, 47



0, 133, 133



89, 114, 182

Rectangle

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



180, 87, 100



159, 104, 54



0, 133, 133



0, 127, 177

Sweetspot

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



180, 87, 100



235, 197, 202



166, 87, 180



117, 95, 98



245, 245, 245



117, 117, 117

Same Dimension

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



180, 87, 100



235, 89, 109



180, 120, 87



89, 80, 82



153, 0, 21



26, 0, 4

Inverse Universe

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



180, 87, 100



235, 89, 109



87, 147, 180



89, 80, 82



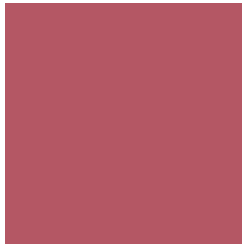
153, 0, 21



26, 0, 4

Previews

White Background



This preview shows how the RGB color 180, 87, 100 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 180, 87, 100 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 180, 87, 100 Background



This preview shows how black text looks on a background with the RGB color 180, 87, 100.

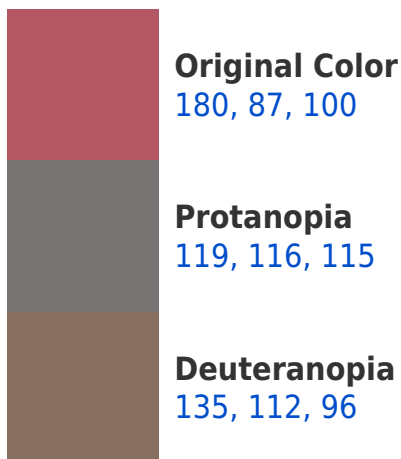


This preview shows how white text looks on a background with the RGB color 180, 87, 100.

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
180, 88, 94

Trichromacy



Original Color
180, 87, 100

Protanomaly
141, 105, 110

Deuteranomaly
151, 103, 97

Tritanomaly
180, 88, 96

Monochromacy



Original Color
180, 87, 100

Achromatopsia
116, 116, 116

Achromatomaly
139, 105, 110

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 87, 100 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(180, 87, 100)` looks like.

```
.text, #text, p{  
    color:rgb(180, 87, 100)  
}
```

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(180, 87, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 87, 100) }
```

Border

The CSS property to change the border of an element to RGB 180, 87, 100 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(180, 87, 100) }
```

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

```
.border{ border-color:rgb(180, 87, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 87, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 87, 100); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 87, 100); box-shadow:4px 4px 4px 4px rgb(180, 87, 100) }
```

Background

The CSS property to change the background color of an element to RGB 180, 87, 100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 87, 100) }
```

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

```
.background{ background-color: rgb(180, 87,  
100) }
```

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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