

Converting Colors

RGB(170, 104, 138)

Have a look what the booklet for
RGB(170, 104, 138) contains.

RGB(170, 104, 138)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(170, 104, 138)

Conversions

Conversions Part 1

Format	Color
Hex	AA688A
RGB	170, 104, 138
RGB Percent	67%, 41%, 54%
CMY	0.3333, 0.5922, 0.4588
CMYK	0.00, 0.39, 0.19, 0.33
HSL	329°, 28%, 54%
HSV	329°, 39%, 67%
XYZ	26.1153, 20.2817, 26.5831
YIQ	127.6100, 28.4220, 24.5660

Conversions

Conversions Part 2

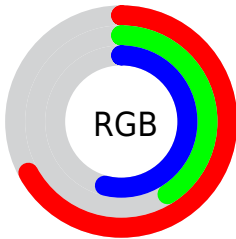
Format	Color
R_{YB}	170, 104, 138
Decimal	11167882
CIE _{Lab}	52.15, 31.29, -7.49
CIE _{LCh}	52, 32.171, 346.531
Yxy	20.2817, 0.3578, 0.2779
Android (android.graphics.Color)	4289357962 (0xFFAA688A)
YUV	127.6100, 5.1223, 37.1760
Hunter-Lab	45.0352, 24.6984, -3.4727

Details

The RGB color **170, 104, 138** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104, 170, 136**, and the grayscale version is **128, 128, 128**.

A 20% lighter version of the original color is **226, 156, 191**, and **116, 55, 88** is the 20% darker color. If you saturate the color by 10%, you get **170, 87, 130**, and if you desaturate by 10%, it is **170, 121, 146**.

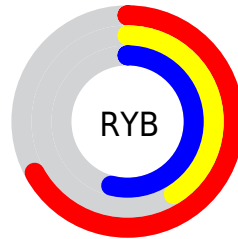
Distribution



Red (67%)

Green (41%)

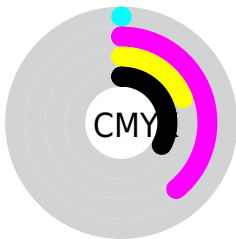
Blue (54%)



Red (67%)

Yellow (41%)

Blue (54%)

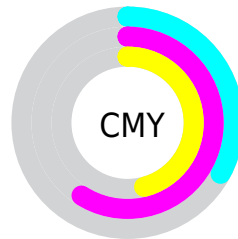


Cyan (0%)

Magenta (39%)

Yellow (19%)

Black (33%)



Cyan (33%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 104, 138 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 170, 104, 138 by changing the saturation by 10% instead.

 170, 104, 138


255, 255, 255

 226, 156, 191

 255, 184, 219


 255, 211, 248

 255, 240, 255

 170, 104, 138

 143, 79, 113


 116, 55, 88

 90, 31, 65


 66, 5, 43


 44, 0, 23


 0, 0, 0

 170, 104, 138

 170, 87, 130

 170, 70, 122

 170, 104, 138

 170, 121, 146

 170, 138, 154

■ 170, 53, 113

■ 170, 155, 163

■ 170, 36, 105

■ 170, 172, 171

■ 170, 19, 97

■ 170, 189, 179

■ 170, 2, 89

■ 170, 206, 187

■ 170, 0, 88

■ 170, 223, 196

■ 170, 240, 204

■ 170, 255, 212

Harmonies

Analogous

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



146, 112, 163



170, 104, 138



178, 103, 110

Triad

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



170, 104, 138



127, 128, 70



0, 137, 164

Complementary

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



170, 104, 138



104, 170, 136

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, 139, 139



170, 104, 138



96, 134, 85

Square

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



170, 104, 138



153, 118, 71



59, 138, 111



58, 131, 178

Rectangle

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



170, 104, 138



175, 106, 93



59, 138, 111



0, 138, 156

Sweetspot

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



170, 104, 138



222, 195, 209



136, 104, 170



112, 96, 105



240, 240, 240



112, 112, 112

Same Dimension

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



170, 104, 138



222, 118, 171



170, 104, 105



84, 76, 80



148, 0, 76



20, 0, 11

Inverse Universe

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



170, 104, 138



222, 118, 171



104, 170, 169



84, 76, 80



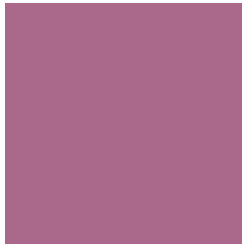
148, 0, 76



20, 0, 11

Previews

White Background



This preview shows how the RGB color 170, 104, 138 looks on a white background.

Color Contrast Check

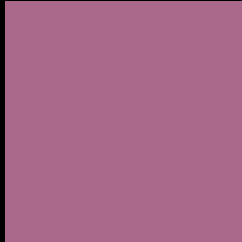
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 170, 104, 138 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 170, 104, 138 Background



This preview shows how black text looks on a background with the RGB color 170, 104, 138.

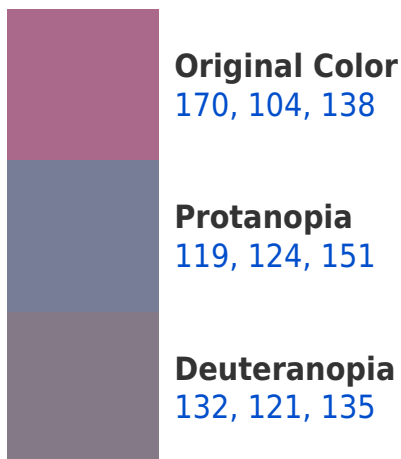



This preview shows how white text looks on a background with the RGB color 170, 104, 138.

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
168, 108, 116

Trichromacy



Original Color
170, 104, 138

Protanomaly
138, 117, 146

Deuteranomaly
146, 115, 136

Tritanomaly
169, 107, 124

Monochromacy



Original Color
170, 104, 138

Achromatopsia
128, 128, 128

Achromatomaly
143, 119, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 104, 138 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(170, 104, 138)` looks like.

```
.text, #text, p{  
    color:rgb(170, 104, 138)  
}
```

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(170, 104, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 104, 138) }
```

Border

The CSS property to change the border of an element to RGB 170, 104, 138 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(170, 104, 138) }
```

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

```
.border{ border-color:rgb(170, 104, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 104, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 104, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 104, 138);  
box-shadow:4px 4px 4px 4px rgb(170, 104,  
138) }
```

Background

The CSS property to change the background color of an element to RGB 170, 104, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 104, 138) }
```

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

```
.background{ background-color: rgb(170,  
104, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor