

Converting Colors

RGB(171, 137, 173)

Have a look what the booklet for
RGB(171, 137, 173) contains.

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Color

RGB(171, 137, 173)

Conversions

Conversions Part 1

Format	Color
Hex	AB89AD
RGB	171, 137, 173
RGB Percent	67%, 54%, 68%
CMY	0.3294, 0.4627, 0.3216
CMYK	0.01, 0.21, 0.00, 0.32
HSL	297°, 18%, 61%
HSV	297°, 21%, 68%
XYZ	33.2831, 29.5664, 43.4878
YIQ	151.2700, 8.7080, 18.4040

Conversions

Conversions Part 2

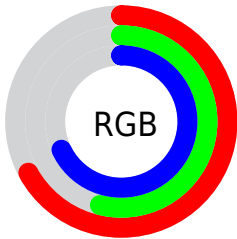
Format	Color
RYB	171, 137, 173
Decimal	11241901
CIELab	61.28, 19.33, -14.05
CIELCh	61, 23.894, 323.987
Yxy	29.5664, 0.3130, 0.2780
Android (android.graphics.Color)	4289431981 (0xFFAB89AD)
YUV	151.2700, 10.7129, 17.3032
Hunter-Lab	54.3750, 14.1041, -9.3563

Details

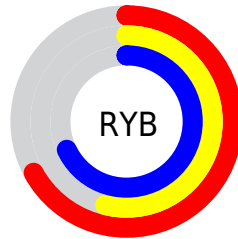
The RGB color **171, 137, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **139, 173, 137**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **227, 191, 228**, and **118, 87, 121** is the 20% darker color. If you saturate the color by 10%, you get **170, 120, 173**, and if you desaturate by 10%, it is **172, 154, 173**.

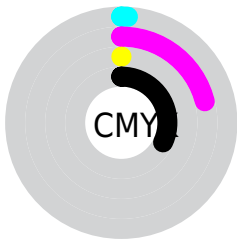
Distribution



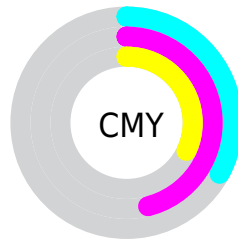
- Red (67%)
- Green (54%)
- Blue (68%)



- Red (67%)
- Yellow (54%)
- Blue (68%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)



- Cyan (33%)
- Magenta (46%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RGB color 171, 137, 173 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 171, 137, 173 by changing the saturation by 10% instead.

 171, 137, 173


255, 255, 255

 227, 191, 228


 255, 218, 255

 255, 247, 255

 171, 137, 173

 144, 111, 146

 118, 87, 121


 93, 63, 96

 69, 41, 72

 46, 20, 49

 28, 0, 29

 0, 0, 0

 171, 137, 173

 170, 120, 173

 171, 137, 173

 172, 154, 173

169, 102, 173

173, 172, 173

168, 85, 173

174, 189, 173

167, 68, 173

175, 206, 173

166, 51, 173

176, 224, 173

165, 33, 173

177, 241, 173

164, 16, 173

178, 255, 173

163, 0, 173

179, 255, 173

180, 255, 173

Harmonies

Analogous

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



145, 144, 186



171, 137, 173



187, 133, 153

Triad

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



171, 137, 173



167, 145, 106



85, 159, 164

Complementary

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



171, 137, 173



139, 173, 137

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.



98, 160, 143



171, 137, 173



145, 152, 109

Square

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



171, 137, 173



183, 138, 115



121, 157, 123



91, 157, 181

Rectangle

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



171, 137, 173



191, 133, 139



121, 157, 123



88, 160, 157

Sweetspot

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



171, 137, 173



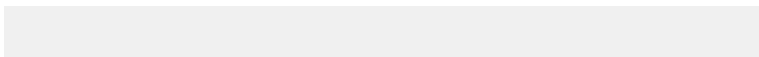
224, 211, 224



137, 139, 173



112, 104, 112



240, 240, 240



112, 112, 112

Same Dimension

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



171, 137, 173



221, 168, 224



173, 137, 157



86, 78, 87



142, 0, 150



22, 0, 23

Inverse Universe

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



173, 137, 139



224, 168, 171



137, 173, 153



87, 78, 79



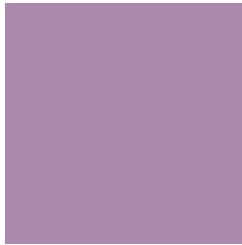
150, 0, 8



23, 0, 1

Previews

White Background



This preview shows how the RGB color 171, 137, 173 looks on a white background.

Color Contrast Check

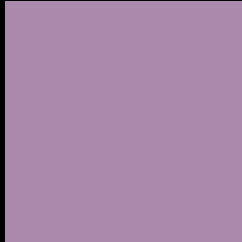
Large Text (above 18pt) WCAG AA ✓ Pass

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 171, 137, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

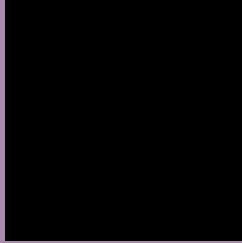
Any Text WCAG AA ✓ Pass

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 171, 137, 173 Background



This preview shows how black text looks on a background with the RGB color 171, 137, 173.

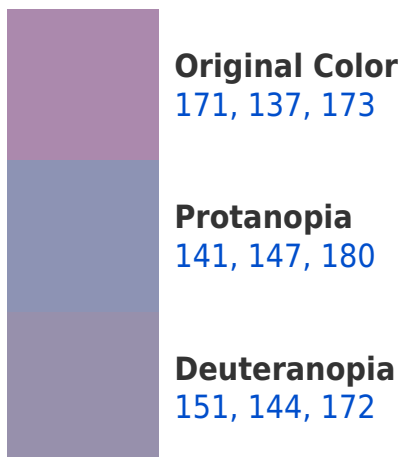



This preview shows how white text looks on a background with the RGB color 171, 137, 173.

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, 141, 152

Trichromacy



Original Color

171, 137, 173

Protanomaly

152, 143, 177

Deuteranomaly

158, 141, 172

Tritanomaly

169, 140, 160

Monochromacy



Original Color

171, 137, 173

Achromatopsia

151, 151, 151

Achromatomaly

158, 146, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 137, 173 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(171, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(171, 137, 173)  
}
```

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(171, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 137, 173) }
```

Border

The CSS property to change the border of an element to RGB 171, 137, 173 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(171, 137, 173) }
```

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

```
.border{ border-color:rgb(171, 137, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(171, 137,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 171, 137, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 137, 173) }
```

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

```
.background{ background-color: rgb(171,  
137, 173) }
```

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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