

Converting Colors

`RYB(170, 137, 148)`

Have a look what the booklet for RYB(170, 137, 148) contains.

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Color

R_YB(170, 137, 148)

Conversions

Conversions Part 1

Format	Color
Hex	AA8994
RGB	170, 137, 148
RGB Percent	67%, 54%, 58%
CMY	0.3333, 0.4627, 0.4196
CMYK	0.00, 0.19, 0.13, 0.33
HSL	340°, 16%, 60%
HSV	340°, 19%, 67%
XYZ	30.8685, 28.5755, 31.9056
YIQ	148.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

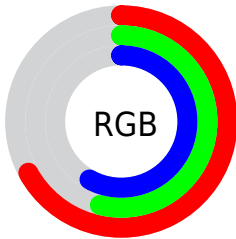
Format	Color
RYB	170, 137, 148
Decimal	11176340
CIELab	60.41, 14.35, -1.11
CIELCh	60, 14.397, 355.586
Yxy	28.5755, 0.3379, 0.3128
Android (android.graphics.Color)	4289366420 (0xFFAA8994)
YUV	148.1210, -0.0597, 19.1879
Hunter-Lab	53.4560, 9.5278, 2.0315

Details

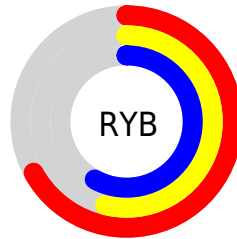
The RYB color **170, 137, 148** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **137, 157, 170**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **226, 190, 202**, and **117, 87, 97** is the 20% darker color. If you saturate the color by 10%, you get **170, 120, 137**, and if you desaturate by 10%, it is **170, 154, 159**.

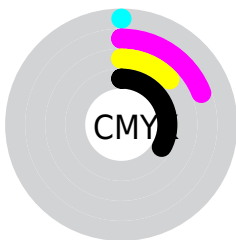
Distribution



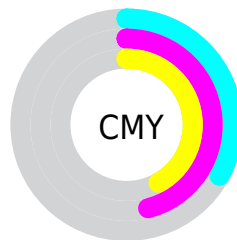
- Red (67%)
- Green (54%)
- Blue (58%)



- Red (67%)
- Yellow (54%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (13%)
- Black (33%)



- Cyan (33%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 137, 148 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 RYB color 170, 137, 148 by changing the saturation by 10% instead.


 170, 137, 148

255, 255, 255

 226, 190, 202

 254, 218, 230

 255, 247, 255

 170, 137, 148

 143, 112, 122

 117, 87, 97

 92, 64, 74

 68, 41, 51


 46, 20, 30

 28, 0, 5


 0, 0, 0

 170, 137, 148


 170, 120, 137


 170, 137, 148


 170, 154, 159


 170, 103, 125

 170, 171, 171

 170, 86, 114

 170, 181, 188

 170, 69, 103

 170, 191, 205

 170, 52, 91

 170, 201, 222

 170, 35, 80

 170, 211, 239

 170, 18, 69

 170, 221, 255

 170, 1, 57

 170, 217, 255

 170, 0, 57

 170, 214, 255

Harmonies

Analogous

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



160, 139, 160



170, 137, 148



172, 137, 135

Triad

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



170, 137, 148



123, 148, 127



116, 137, 166

Complementary

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



170, 137, 148



137, 157, 170

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.



112, 133, 156



170, 137, 148



129, 149, 151

Square

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



170, 137, 148



144, 158, 121



117, 138, 153



129, 142, 171

Rectangle

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



170, 137, 148



170, 143, 128



117, 138, 153



114, 135, 163

Sweetspot

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



170, 137, 148



222, 209, 213



159, 137, 170



112, 104, 107



240, 240, 240



112, 112, 112

Same Dimension

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



170, 137, 148



222, 171, 188



170, 143, 137



84, 76, 79



148, 0, 49



20, 0, 7

Inverse Universe

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



170, 137, 148



222, 171, 188



137, 152, 170



84, 76, 79



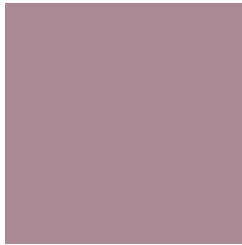
148, 0, 49



20, 0, 7

Previews

White Background



This preview shows how the RYB color 170, 137, 148 looks on a white background.

Color Contrast Check

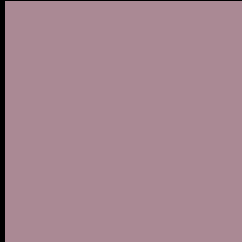
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 170, 137, 148 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](#).

RYB 170, 137, 148 Background



This preview shows how black text looks on a background with the RYB color 170, 137, 148.

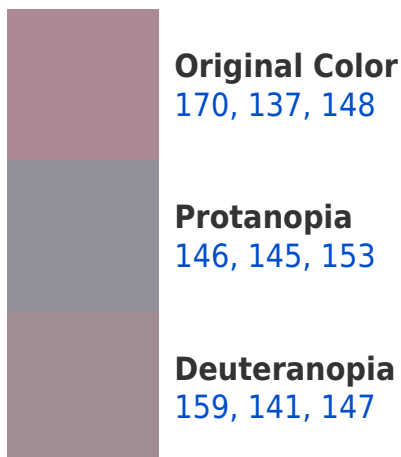


This preview shows how white text looks on a background with the RYB color 170, 137, 148.

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
170, 137, 148

Trichromacy



Original Color
170, 137, 148

Protanomaly
155, 142, 151

Deuteranomaly
163, 140, 147

Tritanomaly
170, 137, 148

Monochromacy



Original Color
170, 137, 148

Achromatopsia
148, 148, 148

Achromatomaly
156, 144, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 137, 148 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, 137, 148) looks like.

```
.text, #text, p{  
    color:rgb(170, 137, 148)  
}
```

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, 137, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 137, 148) }
```

Border

The CSS property to change the border of an element to RYB 170, 137, 148 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, 137, 148) }
```

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

```
.border{ border-color:rgb(170, 137, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 137, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 137, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 137, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 137,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 170, 137, 148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 137, 148) }
```

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

```
.background{ background-color: rgb(170,  
137, 148) }
```

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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