

# Converting Colors

`RYB(175, 124, 137)`

Have a look what the booklet for  
RYB(175, 124, 137) contains.

<b>RYB(175, 124, 137)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**R<sub>Y</sub>B(175, 124, 137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF7C89
RGB	175, 124, 137
RGB Percent	69%, 49%, 54%
CMY	0.3137, 0.5137, 0.4627
CMYK	0.00, 0.29, 0.22, 0.31
HSL	345°, 24%, 59%
HSV	345°, 29%, 69%
XYZ	29.4022, 25.3354, 27.0075
YIQ	140.7310, 26.2230, 14.8550

# Conversions

## Conversions Part 2

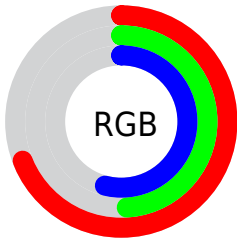
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 124, 137
Decimal	11500681
CIE Lab	57.40, 21.77, 0.89
CIE LCh	57, 21.792, 2.343
Yxy	25.3354, 0.3597, 0.3099
Android (android.graphics.Color)	4289690761 (0xFFAF7C89)
YUV	140.7310, -1.8394, 30.0539
Hunter-Lab	50.3343, 16.1837, 3.4212

# Details

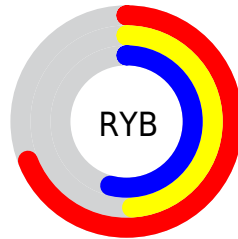
The RYB color **175, 124, 137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124, 153, 175**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **231, 177, 190**, and **121, 75, 87** is the 20% darker color. If you saturate the color by 10%, you get **175, 106, 124**, and if you desaturate by 10%, it is **175, 142, 150**.

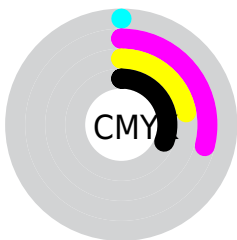
# Distribution



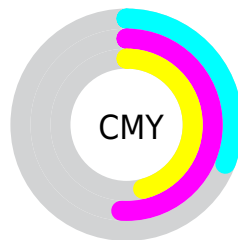
- Red (69%)
- Green (49%)
- Blue (54%)



- Red (69%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (31%)



- Cyan (31%)
- Magenta (51%)
- Yellow (46%)

# Brightness & Saturation Gradients


These gradients show how the RYB color 175, 124, 137 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 175, 124, 137 by changing the saturation by 10% instead.



 175, 124, 137

255, 255, 255


 231, 177, 190

 255, 205, 218


 255, 233, 247

 175, 124, 137

 148, 99, 112

 121, 75, 87

 96, 51, 64

 71, 29, 42

 47, 7, 22

 23, 0, 0

 0, 0, 0

 175, 124, 137

 175, 106, 124

 175, 124, 137

 175, 142, 150

 175, 89, 111

 175, 159, 163

 175, 72, 98

 175, 176, 177

 175, 54, 85

 175, 186, 194

 175, 37, 72

 175, 196, 212

 175, 19, 59

 175, 206, 229

 175, 1, 46

 175, 216, 247

 175, 0, 45

 175, 219, 255

 175, 215, 255

# Harmonies

## Analogous

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



164, 127, 156



175, 124, 137



176, 127, 118

# Triad

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



175, 124, 137



105, 143, 118



92, 124, 171

# Complementary

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



175, 124, 137



124, 153, 175

# 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.



81, 117, 157



175, 124, 137



108, 138, 147

# Square

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



175, 124, 137



118, 150, 100



89, 122, 149



116, 133, 175

# Rectangle

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



175, 124, 137



171, 140, 108



89, 122, 149



87, 121, 167



# Sweetspot

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



175, 124, 137



227, 207, 212



161, 124, 175



115, 102, 105



242, 242, 242



115, 115, 115



# Same Dimension

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



175, 124, 137



227, 148, 168



175, 140, 124



87, 78, 80



150, 0, 38



23, 0, 6



# Inverse Universe

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



175, 124, 137



227, 148, 168



124, 146, 175



87, 78, 80



150, 0, 38

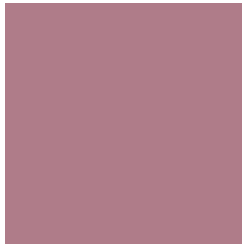


23, 0, 6



# Previews

## White Background



This preview shows how the RYB color 175, 124, 137 looks on a white background.

## Color Contrast Check

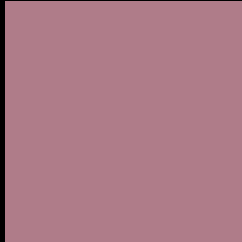
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 124, 137 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 175, 124, 137 Background**



This preview shows how black text looks on a background with the RYB color 175, 124, 137.

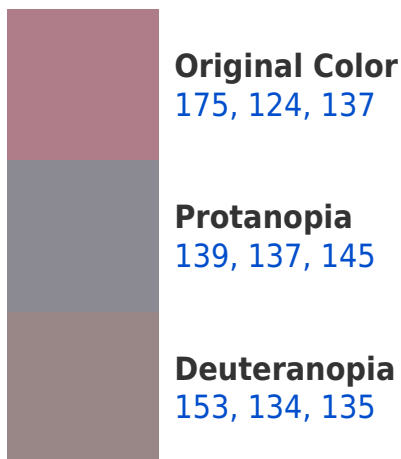



This preview shows how white text looks on a background with the RYB color 175, 124, 137.

# 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**  
175, 124, 134

# Trichromacy



**Original Color**

175, 124, 137

**Protanomaly**

152, 132, 142

**Deuteranomaly**

161, 130, 136

**Tritanomaly**

175, 124, 135

# Monochromacy



**Original Color**

175, 124, 137

**Achromatopsia**

141, 141, 141

**Achromatomaly**

153, 135, 140

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 175, 124, 137 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, 124, 137) looks like.

```
.text, #text, p{  
    color:rgb(175, 124, 137)  
}
```

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, 124, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 124, 137) }
```

## Border

The CSS property to change the border of an element to RYB 175, 124, 137 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, 124, 137) }
```

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

```
.border{ border-color:rgb(175, 124, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 124, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 124, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 124, 137);  
box-shadow:4px 4px 4px 4px rgb(175, 124,  
137) }
```

# Background

The CSS property to change the background color of an element to RYB 175, 124, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 124, 137) }
```

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

```
.background{ background-color: rgb(175,  
124, 137) }
```

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