

Converting Colors

`RYB(217, 174, 174)`

Have a look what the booklet for
RYB(217, 174, 174) contains.

RYB(217, 174, 174)	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

R_YB(217, 174, 174)

Conversions

Conversions Part 1

Format	Color
Hex	D9AEAE
RGB	217, 174, 174
RGB Percent	85%, 68%, 68%
CMY	0.1490, 0.3176, 0.3176
CMYK	0.00, 0.20, 0.20, 0.15
HSL	0°, 36%, 77%
HSV	0°, 20%, 85%
XYZ	51.3913, 48.0798, 46.6161
YIQ	186.8570, 25.6280, 9.1160

Conversions

Conversions Part 2

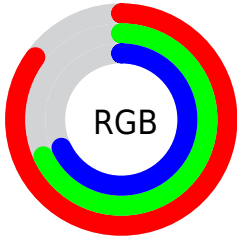
Format	Color
R _Y B	217, 174, 174
Decimal	14266030
CIE Lab	74.88, 15.63, 5.94
CIE LCh	75, 16.725, 20.817
Yxy	48.0798, 0.3518, 0.3291
Android (android.graphics.Color)	4292456110 (0xFFD9AEAE)
YUV	186.8570, -6.3385, 26.4354
Hunter-Lab	69.3396, 10.9516, 8.6778

Details

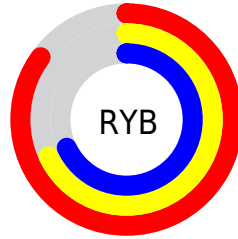
The RYB color **217, 174, 174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **174, 196, 217**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 230, 229**, and **161, 121, 122** is the 20% darker color. If you saturate the color by 10%, you get **217, 152, 152**, and if you desaturate by 10%, it is **217, 196, 196**.

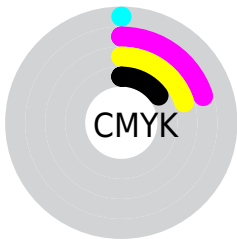
Distribution



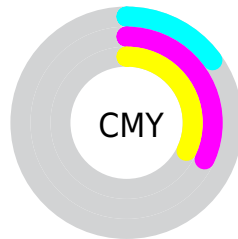
- Red (85%)
- Green (68%)
- Blue (68%)



- Red (85%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (15%)



- Cyan (15%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 174, 174 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 217, 174, 174 by changing the saturation by 10% instead.


 217, 174, 174

 217, 174, 174

255, 255, 255

 189, 147, 147

 255, 230, 229

 161, 121, 122

 135, 97, 97


 109, 73, 73


 84, 50, 51

 60, 28, 30

 39, 5, 4


 0, 0, 0

 217, 174, 174

 217, 174, 174

 217, 152, 152

 217, 196, 196

 217, 131, 131

 217, 217, 217

 217, 109, 109

 217, 228, 239

 217, 87, 87

 217, 236, 255

 217, 66, 66

 217, 44, 44

 217, 22, 22

 217, 0, 0

Harmonies

Analogous

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



213, 174, 190



217, 174, 174



213, 184, 161

Triad

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



217, 174, 174



164, 191, 188



162, 179, 214

Complementary

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



217, 174, 174



174, 196, 217

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.



147, 173, 208



217, 174, 174



152, 177, 193

Square

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



217, 174, 174



155, 187, 157



144, 169, 195



181, 182, 213

Rectangle

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



217, 174, 174



206, 202, 156



144, 169, 195



156, 177, 213

Sweetspot

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



217, 174, 174



255, 240, 240



217, 174, 217



128, 119, 119



0, 0, 0



128, 128, 128

Same Dimension

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



217, 174, 174



255, 194, 194



215, 217, 174



110, 99, 99



173, 0, 0



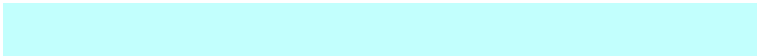
46, 0, 0

Inverse Universe

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



174, 196, 217



194, 225, 255



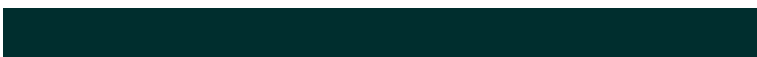
174, 189, 217



99, 105, 110



0, 87, 173



0, 23, 46

Previews

White Background



This preview shows how the RYB color 217, 174, 174 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 217, 174, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

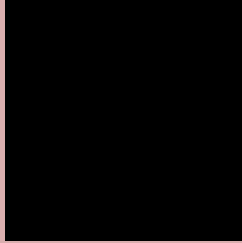
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R Y B 217, 174, 174 Background



This preview shows how black text looks on a background with the RYB color 217, 174, 174.



This preview shows how white text looks on a background with the RYB color 217, 174, 174.

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



Original Color
217, 174, 174

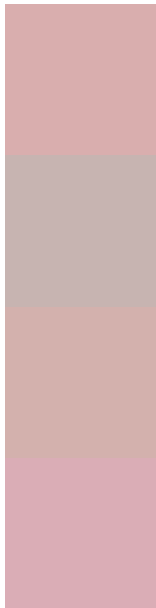
Protanopia
189, 189, 179

Deuteranopia
207, 179, 173



Tritanopia
218, 172, 186

Trichromacy



Original Color
217, 174, 174

Protanomaly
199, 180, 177

Deuteranomaly
211, 177, 173

Tritanomaly
218, 173, 182

Monochromacy



Original Color
217, 174, 174

Achromatopsia
187, 187, 187

Achromatomaly
198, 182, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 174, 174 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(217, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 174)  
}
```

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(217, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 174) }
```

Border

The CSS property to change the border of an element to RYB 217, 174, 174 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(217, 174, 174) }
```

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

```
.border{ border-color:rgb(217, 174, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 217, 174, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 174) }
```

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

```
.background{ background-color: rgb(217,  
174, 174) }
```

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