

Converting Colors

`RYB(177, 174, 174)`

Have a look what the booklet for
RYB(177, 174, 174) contains.

RYB(177, 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

$\text{RYB}(177, 174, 174)$

Conversions

Conversions Part 1

Format	Color
Hex	B1AEAE
RGB	177, 174, 174
RGB Percent	69%, 68%, 68%
CMY	0.3059, 0.3176, 0.3176
CMYK	0.00, 0.02, 0.02, 0.31
HSL	0°, 2%, 69%
HSV	0°, 2%, 69%
XYZ	40.9075, 42.6752, 46.1255
YIQ	174.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

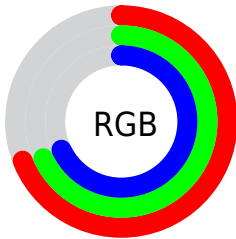
Format	Color
RYB	177, 174, 174
Decimal	11644590
CIELab	71.33, 1.07, 0.37
CIElCh	71, 1.129, 19.061
Yxy	42.6752, 0.3154, 0.3290
Android (android.graphics.Color)	4289834670 (0xFFB1AEAE)
YUV	174.8970, -0.4422, 1.8443
Hunter-Lab	65.3263, -2.5437, 3.8650

Details

The RYB color **177, 174, 174** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174, 176, 177**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **233, 229, 229**, and **124, 122, 122** is the 20% darker color. If you saturate the color by 10%, you get **177, 156, 156**, and if you desaturate by 10%, it is **177, 185, 192**.

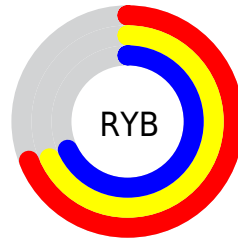
Distribution



Red (69%)

Green (68%)

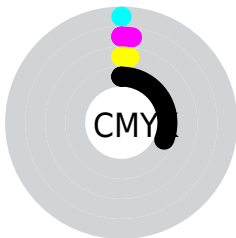
Blue (68%)



Red (69%)

Yellow (68%)

Blue (68%)

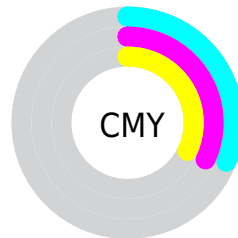


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 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 177, 174, 174 by changing the saturation by 10% instead.

■ 177, 174, 174

255, 255, 255

■ 233, 229, 229

■ 177, 174, 174

■ 150, 147, 147

■ 124, 122, 122

■ 100, 97, 97

■ 76, 73, 73

■ 53, 51, 51

■ 32, 30, 30

■ 8, 4, 4

■ 0, 0, 0

■ 177, 174, 174

■ 177, 174, 174

■ 177, 156, 156

■ 177, 185, 192

■ 177, 139, 139

■ 177, 193, 209

■ 177, 121, 121

■ 177, 202, 227

■ 177, 103, 103

■ 177, 211, 245

■ 177, 86, 86

■ 177, 216, 255

■ 177, 68, 68

■ 177, 50, 50

■ 177, 32, 32

■ 177, 15, 15

Harmonies

Analogous

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



177, 174, 175



177, 174, 174



177, 174, 173

Triad

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



177, 174, 174



173, 175, 174



173, 174, 177

Complementary

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



177, 174, 174



174, 176, 177

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.



172, 174, 176



177, 174, 174



173, 174, 175

Square

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



177, 174, 174



173, 175, 173



172, 174, 175



174, 175, 177

Rectangle

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



177, 174, 174



176, 175, 173



172, 174, 175



173, 174, 177

Sweetspot

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



177, 174, 174



230, 227, 227



177, 174, 177



115, 114, 114



242, 242, 242



115, 115, 115

Same Dimension

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



177, 174, 174



230, 225, 225



176, 177, 174



89, 87, 87



153, 0, 0



26, 0, 0

Inverse Universe

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



174, 176, 177



225, 228, 230



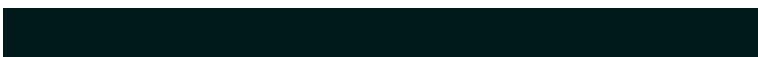
174, 175, 177



87, 88, 89



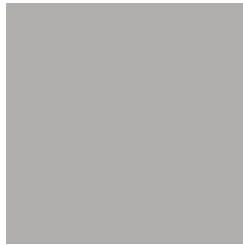
0, 77, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 177, 174, 174 looks on a white background.

Color Contrast Check

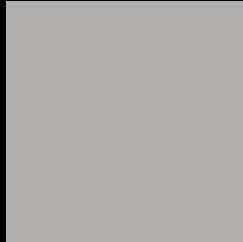
Large Text (above 18pt) WCAG AA × Fail

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 177, 174, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

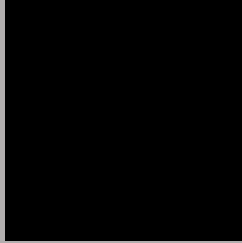
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

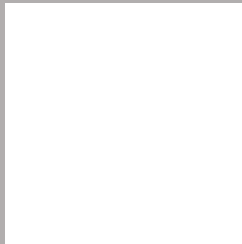
Any Text WCAG AAA ✓ Pass

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

R Y B 177, 174, 174 Background



This preview shows how black text looks on a background with the RYB color 177, 174, 174.

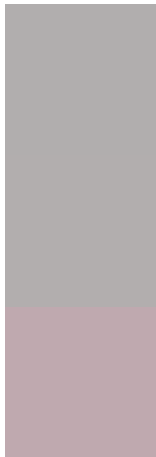


This preview shows how white text looks on a background with the RYB color 177, 174, 174.

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
177, 174, 174

Protanopia
178, 174, 174

Deuteranopia
191, 169, 175



Tritanopia
179, 172, 186

Trichromacy



Original Color

177, 174, 174

Protanomaly

178, 174, 174

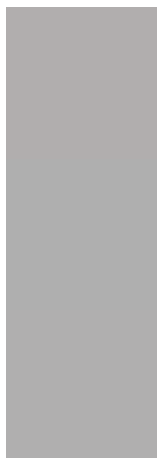
Deuteranomaly

186, 171, 175

Tritanomaly

178, 173, 182

Monochromacy



Original Color

177, 174, 174

Achromatopsia

175, 175, 175

Achromatomaly

176, 175, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 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(177, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 174) }
```

Border

The CSS property to change the border of an element to RYB 177, 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(177, 174, 174) }
```

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

```
.border{ border-color:rgb(177, 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(177, 174, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 177, 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(177, 174, 174) }
```

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

```
.background{ background-color: rgb(177,  
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](#).

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