

Converting Colors

`RYB(174, 202, 183)`

Have a look what the booklet for
RYB(174, 202, 183) contains.

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Color

R_YB(174, 202, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C1CAAE
RGB	193, 202, 174
RGB Percent	76%, 79%, 68%
CMY	0.2431, 0.2078, 0.3176
CMYK	0.04, 0.00, 0.14, 0.21
HSL	79°, 21%, 74%
HSV	79°, 14%, 79%
XYZ	50.7528, 56.6345, 48.3010
YIQ	196.1170, 3.6240, -10.6160

Conversions

Conversions Part 2

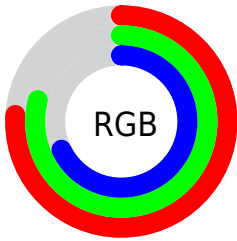
Format	Color
RYB	174, 202, 183
Decimal	12700334
CIELab	79.97, -8.04, 12.94
CIELCh	80, 15.232, 121.843
Yxy	56.6345, 0.3260, 0.3638
Android (android.graphics.Color)	4290890414 (0xFFC1CAAE)
YUV	196.1170, -10.9037, -2.7336
Hunter-Lab	75.2559, -11.3168, 14.6254

Details

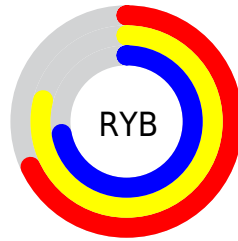
The RYB color **174, 202, 183** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **183, 174, 202**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **230, 255, 235**, and **122, 148, 131** is the 20% darker color. If you saturate the color by 10%, you get **154, 202, 169**, and if you desaturate by 10%, it is **194, 202, 197**.

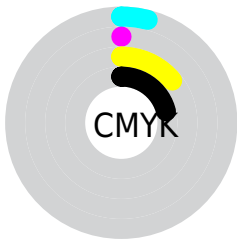
Distribution



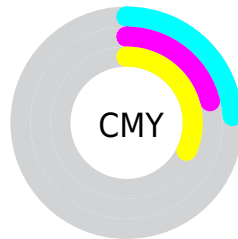
- Red (76%)
- Green (79%)
- Blue (68%)



- Red (68%)
- Yellow (79%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 202, 183 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 174, 202, 183 by changing the saturation by 10% instead.

 174, 202, 183


255, 255, 255

 230, 255, 235


 174, 202, 183

 147, 175, 156

 122, 148, 131

 97, 122, 105

 73, 97, 81

 50, 74, 58

 29, 51, 37

 4, 30, 10

 0, 0, 0

 174, 202, 183

 174, 202, 183

■ 154, 202, 169

■ 194, 202, 197

■ 134, 202, 156

■ 206, 202, 214

■ 113, 202, 141

■ 212, 202, 235

■ 93, 202, 128

■ 219, 202, 255

■ 73, 202, 114

■ 225, 202, 255

■ 53, 202, 101

■ 232, 202, 255

■ 33, 202, 87

■ 238, 202, 255

■ 12, 202, 73

■ 245, 202, 255

■ 0, 202, 65

■ 251, 202, 255

Harmonies

Analogous

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



185, 209, 170



174, 202, 183



177, 199, 205

Triad

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



174, 202, 183



169, 190, 223



227, 189, 198

Complementary

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



174, 202, 183



183, 174, 202

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.



218, 190, 212



174, 202, 183



184, 195, 226

Square

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



174, 202, 183



162, 186, 213



202, 194, 222



228, 191, 184

Rectangle

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



174, 202, 183



169, 191, 206



202, 194, 222



225, 189, 203

Sweetspot

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



174, 202, 183



245, 255, 248



202, 187, 174



121, 128, 124



0, 0, 0



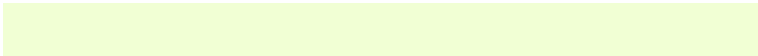
128, 128, 128

Same Dimension

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



174, 202, 183



212, 255, 226



174, 202, 197



92, 102, 95



0, 166, 54



0, 38, 12

Inverse Universe

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



183, 174, 202



226, 212, 255



197, 174, 202



95, 92, 102



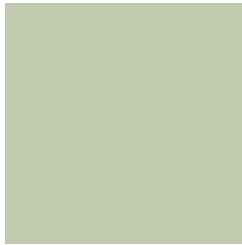
53, 0, 166



12, 0, 38

Previews

White Background



This preview shows how the RYB color 174, 202, 183 looks on a white background.

Color Contrast Check

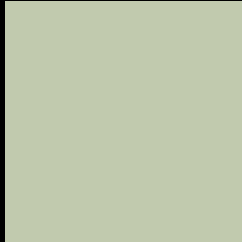
Large Text (above 18pt) WCAG AA × Fail

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 174, 202, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

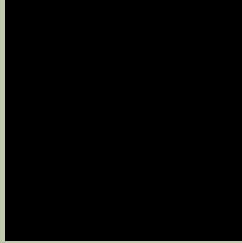
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

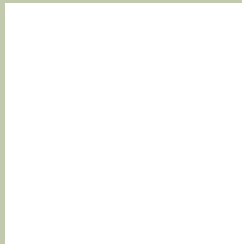
Any Text WCAG AAA ✓ Pass

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

RYB 174, 202, 183 Background



This preview shows how black text looks on a background with the RYB color 174, 202, 183.



This preview shows how white text looks on a background with the RYB color 174, 202, 183.

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
174, 202, 183

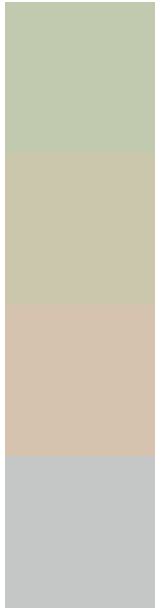
Protanopia
186, 208, 172

Deuteranopia
225, 198, 176



Tritanopia
199, 197, 212

Trichromacy



Original Color

174, 202, 183

Protanomaly

178, 203, 173

Deuteranomaly

209, 213, 175

Tritanomaly

197, 198, 199

Monochromacy



Original Color

174, 202, 183

Achromatopsia

196, 196, 196

Achromatomaly

188, 198, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 174, 202, 183 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(193, 202, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 202, 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(193, 202, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 202, 174) }
```

Border

The CSS property to change the border of an element to RYB 174, 202, 183 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(193, 202, 174) }
```

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

```
.border{ border-color:rgb(193, 202, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 202, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 202, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 202, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 202,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 174, 202, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 202, 174) }
```

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

```
.background{ background-color: rgb(193,  
202, 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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