

Converting Colors

`RYB(175, 203, 187)`

Have a look what the booklet for
RYB(175, 203, 187) contains.

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Color

R_YB(175, 203, 187)

Conversions

Conversions Part 1

Format	Color
Hex	BFCBAF
RGB	191, 203, 175
RGB Percent	75%, 80%, 69%
CMY	0.2510, 0.2039, 0.3137
CMYK	0.06, 0.00, 0.14, 0.20
HSL	86°, 21%, 74%
HSV	86°, 14%, 80%
XYZ	50.5797, 56.8834, 48.8712
YIQ	196.2200, 1.8360, -11.2520

Conversions

Conversions Part 2

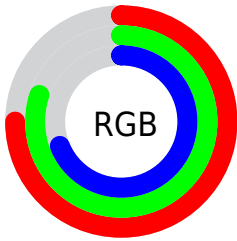
Format	Color
RYB	175, 203, 187
Decimal	12569519
CIELab	80.11, -9.10, 12.58
CIELCh	80, 15.531, 125.883
Yxy	56.8834, 0.3235, 0.3639
Android (android.graphics.Color)	4290759599 (0xFFBFCBAF)
YUV	196.2200, -10.4615, -4.5779
Hunter-Lab	75.4211, -12.2794, 14.3761

Details

The RYB color **175, 203, 187** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **187, 175, 203**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **231, 255, 239**, and **123, 149, 135** is the 20% darker color. If you saturate the color by 10%, you get **155, 203, 176**, and if you desaturate by 10%, it is **195, 203, 198**.

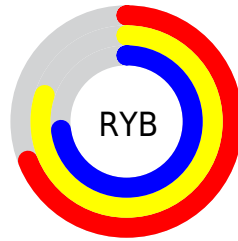
Distribution



Red (75%)

Green (80%)

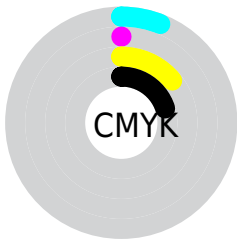
Blue (69%)



Red (69%)

Yellow (80%)

Blue (73%)

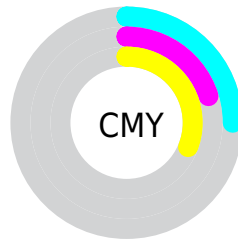


Cyan (6%)

Magenta (0%)

Yellow (14%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 203, 187 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, 203, 187 by changing the saturation by 10% instead.

 175, 203, 187


255, 255, 255

 231, 255, 239


 175, 203, 187

 148, 176, 160

 123, 149, 135

 98, 123, 109

 74, 98, 85

 51, 74, 61

 30, 52, 40

 6, 31, 15

 0, 1, 1

 0, 0, 0

 175, 203, 187

 175, 203, 187

 155, 203, 176

 195, 203, 198

 134, 203, 163

 208, 203, 216

 114, 203, 152

 217, 203, 236

 94, 203, 141

 226, 203, 255

 74, 203, 129

 235, 203, 255

 53, 203, 117

 243, 203, 255

 33, 203, 106

 252, 203, 255

 13, 203, 95

 255, 203, 255

 0, 203, 87

Harmonies

Analogous

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



180, 207, 170



175, 203, 187



175, 198, 206

Triad

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



175, 203, 187



170, 191, 225



229, 189, 196

Complementary

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



175, 203, 187



187, 175, 203

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.



220, 190, 211



175, 203, 187



187, 196, 227

Square

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



175, 203, 187



162, 186, 215



205, 194, 222



229, 192, 182

Rectangle

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



175, 203, 187



167, 190, 207



205, 194, 222



227, 189, 201

Sweetspot

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



175, 203, 187



245, 255, 249



203, 196, 175



121, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



175, 203, 187



212, 255, 231



175, 203, 201



92, 102, 96



0, 166, 71



0, 38, 16

Inverse Universe

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



187, 175, 203



230, 212, 255



201, 175, 203



96, 92, 102



71, 0, 166



16, 0, 38

Previews

White Background



This preview shows how the RYB color 175, 203, 187 looks on a white background.

Color Contrast Check

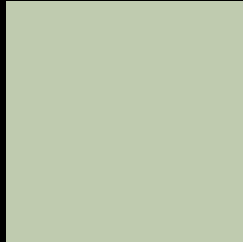
Large Text (above 18pt) WCAG AA × Fail

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 175, 203, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

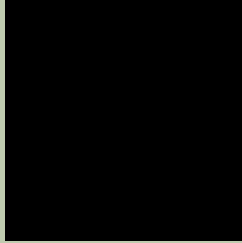
Any Text WCAG AA ✓ Pass

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 175, 203, 187 Background



This preview shows how black text looks on a background with the RYB color 175, 203, 187.



This preview shows how white text looks on a background with the RYB color 175, 203, 187.

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](#).

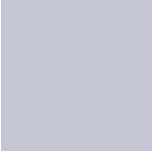
Dichromacy



Original Color
175, 203, 187

Protanopia
186, 208, 172

Deuteranopia
225, 197, 177



Tritanopia
197, 198, 213

Trichromacy



Original Color
175, 203, 187

Protanomaly
175, 202, 173

Deuteranomaly
211, 213, 176

Tritanomaly
195, 198, 200

Monochromacy



Original Color
175, 203, 187

Achromatopsia
196, 196, 196

Achromatomaly
188, 199, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 203, 187 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(191, 203, 175)` looks like.

```
.text, #text, p{  
    color:rgb(191, 203, 175)  
}
```

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(191, 203, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 203, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 203, 187 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(191, 203, 175) }
```

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

```
.border{ border-color:rgb(191, 203, 175) }
```

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

Here you see how a box with a 4 pixel rgb(191, 203, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 203, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 203, 175);  
box-shadow:4px 4px 4px 4px rgb(191, 203,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 203, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 203, 175) }
```

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

```
.background{ background-color: rgb(191,  
203, 175) }
```

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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