

Converting Colors

`RYB(171, 201, 186)`

Have a look what the booklet for
RYB(171, 201, 186) contains.

RYB(171, 201, 186)	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(171, 201, 186)

Conversions

Conversions Part 1

Format	Color
Hex	BAC9AB
RGB	186, 201, 171
RGB Percent	73%, 79%, 67%
CMY	0.2706, 0.2118, 0.3294
CMYK	0.07, 0.00, 0.15, 0.21
HSL	90°, 22%, 73%
HSV	90°, 15%, 79%
XYZ	48.4870, 55.1527, 46.6181
YIQ	193.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

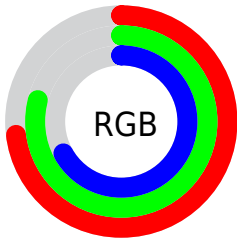
Format	Color
RYB	171, 201, 186
Decimal	12241323
CIELab	79.13, -10.52, 13.28
CIElCh	79, 16.942, 128.407
Yxy	55.1527, 0.3227, 0.3671
Android (android.graphics.Color)	4290431403 (0xFFBAC9AB)
YUV	193.0950, -10.8928, -6.2223
Hunter-Lab	74.2648, -13.4220, 14.7674

Details

The RYB color **171, 201, 186** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **186, 171, 201**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **226, 255, 239**, and **119, 147, 133** is the 20% darker color. If you saturate the color by 10%, you get **151, 201, 176**, and if you desaturate by 10%, it is **191, 201, 196**.

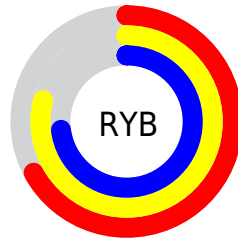
Distribution



Red (73%)

Green (79%)

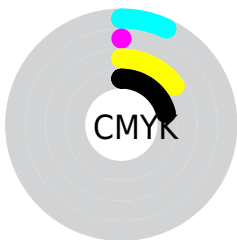
Blue (67%)



Red (67%)

Yellow (79%)

Blue (73%)

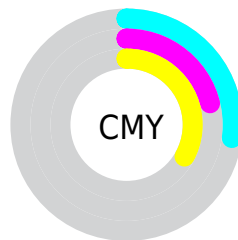


Cyan (7%)

Magenta (0%)

Yellow (15%)

Black (21%)



Cyan (27%)

Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 201, 186 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 171, 201, 186 by changing the saturation by 10% instead.

■ 171, 201, 186

255, 255, 255

■ 226, 255, 239

■ 171, 201, 186

■ 144, 174, 159

■ 119, 147, 133

■ 94, 121, 108

■ 70, 96, 83

■ 48, 73, 61

■ 27, 50, 39

■ 0, 29, 10

■ 0, 0, 0

■ 171, 201, 186


■ 171, 201, 186

 151, 201, 176

 191, 201, 196

 131, 201, 166

 206, 201, 211

 111, 201, 156

 216, 201, 231

 91, 201, 146

 226, 201, 251

 70, 201, 135

 236, 201, 255

 50, 201, 125

 246, 201, 255

 30, 201, 115

 255, 201, 255

 10, 201, 105

 0, 201, 100

Harmonies

Analogous

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



175, 204, 165



171, 201, 186



169, 194, 204

Triad

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



171, 201, 186



166, 188, 225



229, 185, 192

Complementary

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



171, 201, 186



186, 171, 201

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.



221, 186, 208



171, 201, 186



184, 193, 227

Square

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



171, 201, 186



156, 182, 215



204, 191, 221



228, 189, 177

Rectangle

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



171, 201, 186



160, 186, 205



204, 191, 221



227, 185, 197

Sweetspot

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



171, 201, 186



245, 255, 250



201, 201, 171



121, 128, 125



0, 0, 0



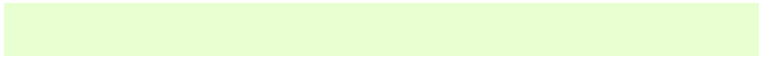
128, 128, 128

Same Dimension

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



171, 201, 186



209, 255, 232



171, 201, 201



90, 99, 95



0, 163, 81



0, 36, 18

Inverse Universe

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



186, 171, 201



232, 209, 255



201, 171, 201



94, 90, 99



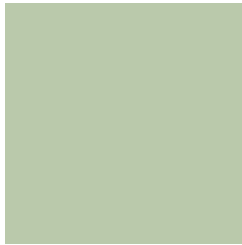
82, 0, 163



18, 0, 36

Previews

White Background



This preview shows how the RYB color 171, 201, 186 looks on a white background.

Color Contrast Check

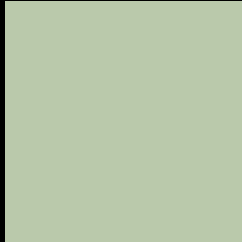
Large Text (above 18pt) WCAG AA × Fail

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 171, 201, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

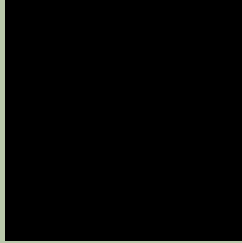
Any Text WCAG AA ✓ Pass

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 171, 201, 186 Background



This preview shows how black text looks on a background with the RYB color 171, 201, 186.

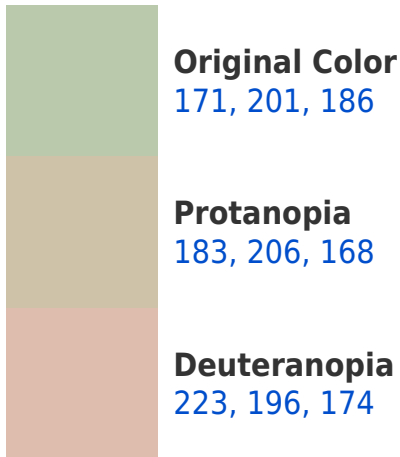


This preview shows how white text looks on a background with the RYB color 171, 201, 186.

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](#).

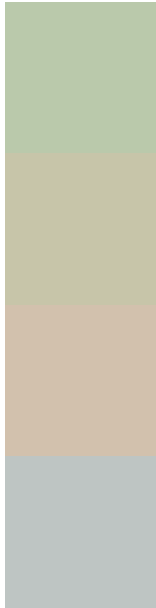
Dichromacy





Tritanopia
192, 195, 211

Trichromacy



Original Color

171, 201, 186

Protanomaly

171, 199, 169

Deuteranomaly

204, 210, 173

Tritanomaly

190, 194, 197

Monochromacy



Original Color

171, 201, 186

Achromatopsia

193, 193, 193

Achromatomaly

185, 196, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 201, 186 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(186, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(186, 201, 171)  
}
```

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(186, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 201, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 201, 186 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(186, 201, 171) }
```

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

```
.border{ border-color:rgb(186, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(186, 201,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 201, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 201, 171) }
```

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

```
.background{ background-color: rgb(186,  
201, 171) }
```

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