

Converting Colors

`RYB(173, 197, 187)`

Have a look what the booklet for
RYB(173, 197, 187) contains.

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Color

R_YB(173, 197, 187)

Conversions

Conversions Part 1

Format	Color
Hex	B7C5AD
RGB	183, 197, 173
RGB Percent	72%, 77%, 68%
CMY	0.2824, 0.2275, 0.3216
CMYK	0.07, 0.00, 0.12, 0.23
HSL	95°, 17%, 73%
HSV	95°, 12%, 77%
XYZ	47.0375, 53.0169, 47.2893
YIQ	190.0780, -0.6400, -10.4320

Conversions

Conversions Part 2

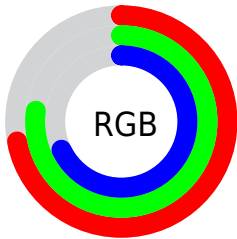
Format	Color
RYB	173, 197, 187
Decimal	12043693
CIELab	77.88, -9.18, 10.41
CIELCh	78, 13.883, 131.417
Yxy	53.0169, 0.3192, 0.3598
Android (android.graphics.Color)	4290233773 (0xFFB7C5AD)
YUV	190.0780, -8.4195, -6.2074
Hunter-Lab	72.8127, -12.1100, 12.4621

Details

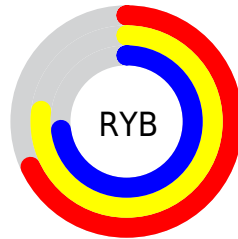
The RYB color **173, 197, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 173, 197**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **228, 254, 243**, and **121, 143, 134** is the 20% darker color. If you saturate the color by 10%, you get **153, 197, 178**, and if you desaturate by 10%, it is **193, 197, 196**.

Distribution



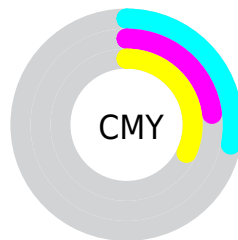
- Red (72%)
- Green (77%)
- Blue (68%)



- Red (68%)
- Yellow (77%)
- Blue (73%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (23%)



- Cyan (28%)
- Magenta (23%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 197, 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 173, 197, 187 by changing the saturation by 10% instead.

 173, 197, 187


255, 255, 255

 228, 254, 243

 173, 197, 187

 146, 170, 160

 121, 143, 134

 96, 118, 109

 72, 93, 84

 50, 69, 62

 28, 47, 39

 3, 26, 13

 0, 0, 0

 173, 197, 187


 173, 197, 187

 153, 197, 178


 193, 197, 196


 134, 197, 171


 206, 197, 212


 114, 197, 162


 217, 197, 232

 94, 197, 154


 229, 197, 252

 75, 197, 146


 240, 197, 255

 55, 197, 138

 252, 197, 255

 35, 197, 129

 255, 197, 255

 15, 197, 121

 0, 197, 115

Harmonies

Analogous

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



173, 198, 167



173, 197, 187



169, 190, 200

Triad

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



173, 197, 187



170, 187, 217



220, 184, 188

Complementary

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



173, 197, 187



187, 173, 197

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.



214, 185, 201



173, 197, 187



185, 191, 218

Square

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



173, 197, 187



161, 182, 209



201, 188, 212



219, 187, 176

Rectangle

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



173, 197, 187



163, 183, 200



201, 188, 212



219, 184, 192

Sweetspot

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



173, 197, 187



245, 255, 251



190, 197, 173



121, 128, 125



0, 0, 0



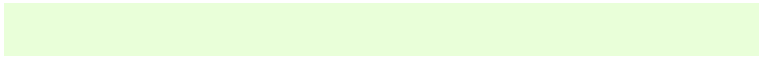
128, 128, 128

Same Dimension

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



173, 197, 187



217, 255, 239



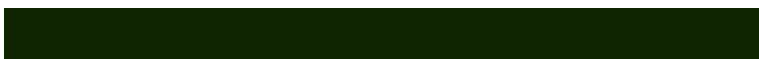
173, 195, 197



90, 99, 95



0, 163, 95



0, 36, 21

Inverse Universe

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



187, 173, 197



239, 217, 255



197, 173, 195



95, 90, 99



95, 0, 163



21, 0, 36

Previews

White Background



This preview shows how the RYB color 173, 197, 187 looks on a white background.

Color Contrast Check

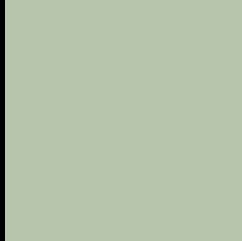
Large Text (above 18pt) WCAG AA × Fail

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 173, 197, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

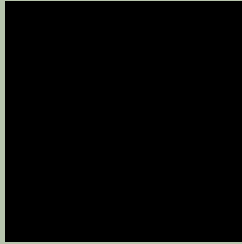
Any Text WCAG AA ✓ Pass

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 173, 197, 187 Background



This preview shows how black text looks on a background with the RYB color 173, 197, 187.

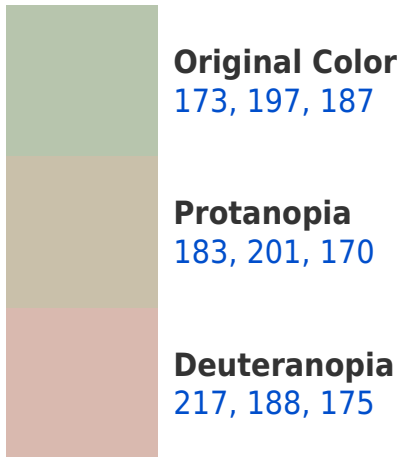


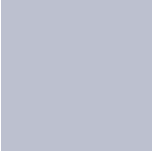
This preview shows how white text looks on a background with the RYB color 173, 197, 187.

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





Tritanopia
188, 191, 207

Trichromacy



Original Color

173, 197, 187

Protanomaly

171, 194, 171

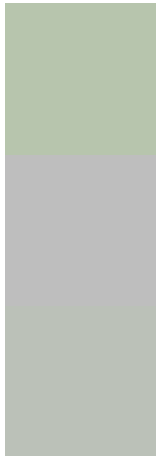
Deuteranomaly

205, 203, 174

Tritanomaly

186, 190, 195

Monochromacy



Original Color

173, 197, 187

Achromatopsia

190, 190, 190

Achromatomaly

184, 193, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 197, 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(183, 197, 173) looks like.

```
.text, #text, p{  
    color:rgb(183, 197, 173)  
}
```

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(183, 197, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 197, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 197, 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(183, 197, 173) }
```

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

```
.border{ border-color:rgb(183, 197, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 197, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 197, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 197, 173);  
box-shadow:4px 4px 4px 4px rgb(183, 197,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 197, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 197, 173) }
```

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

```
.background{ background-color: rgb(183,  
197, 173) }
```

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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