

Converting Colors

`RYB(187, 199, 205)`

Have a look what the booklet for
RYB(187, 199, 205) contains.

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Color

R_YB(187, 199, 205)

Conversions

Conversions Part 1

Format	Color
Hex	BBCDC4
RGB	187, 205, 196
RGB Percent	73%, 80%, 77%
CMY	0.2667, 0.1961, 0.2314
CMYK	0.09, 0.00, 0.04, 0.20
HSL	150°, 15%, 77%
HSV	150°, 9%, 80%
XYZ	52.2886, 58.2130, 60.7049
YIQ	198.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

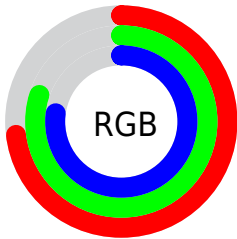
Format	Color
RYB	187, 199, 205
Decimal	12307908
CIELab	80.86, -7.79, 2.39
CIELCh	81, 8.151, 162.972
Yxy	58.2130, 0.3054, 0.3400
Android (android.graphics.Color)	4290497988 (0xFFBBCDC4)
YUV	198.5920, -1.2779, -10.1662
Hunter-Lab	76.2974, -11.1897, 6.2350

Details

The RYB color **187, 199, 205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **205, 187, 196**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **243, 250, 255**, and **134, 146, 151** is the 20% darker color. If you saturate the color by 10%, you get **166, 192, 205**, and if you desaturate by 10%, it is **207, 205, 206**.

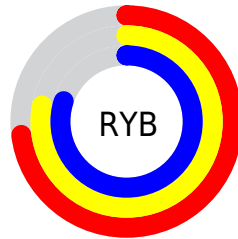
Distribution



Red (73%)

Green (80%)

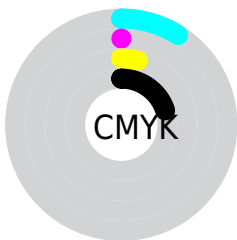
Blue (77%)



Red (73%)

Yellow (78%)

Blue (80%)

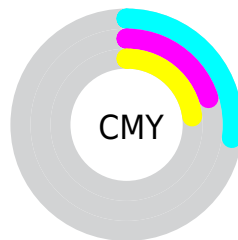


Cyan (9%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the RYB color 187, 199, 205 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 187, 199, 205 by changing the saturation by 10% instead.


 187, 199, 205

255, 255, 255

 243, 250, 255


 187, 199, 205

 160, 172, 178

 134, 146, 151

 108, 119, 125

 84, 95, 100


 61, 71, 76

 39, 48, 53

 18, 27, 32

 0, 6, 6

 0, 0, 0

 187, 199, 205

 187, 199, 205

 166, 192, 205

 207, 205, 206

 146, 185, 205


 228, 205, 216

 125, 178, 205


 249, 205, 227

 105, 172, 205


 255, 205, 237

 84, 164, 205


 255, 205, 247

 64, 158, 205

 255, 205, 255

 43, 151, 205

 23, 144, 205

 2, 137, 205

Harmonies

Analogous

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



189, 204, 198



187, 199, 205



183, 194, 205

Triad

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



187, 199, 205



197, 200, 215



217, 199, 191

Complementary

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



187, 199, 205



205, 187, 196

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.



217, 196, 198



187, 199, 205



206, 198, 212

Square

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



187, 199, 205



188, 198, 215



214, 196, 205



212, 212, 186

Rectangle

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



187, 199, 205



182, 194, 209



214, 196, 205



217, 196, 193

Sweetspot

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



187, 199, 205



247, 252, 255



187, 205, 196



122, 126, 128



0, 0, 0



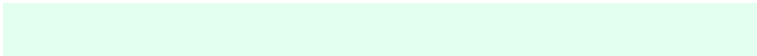
128, 128, 128

Same Dimension

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



187, 199, 205



227, 246, 255



187, 196, 205



92, 99, 102



0, 111, 166



0, 25, 38

Inverse Universe

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



205, 187, 196



255, 227, 241



205, 187, 187



102, 92, 97



166, 0, 83



38, 0, 19

Previews

White Background



This preview shows how the RYB color 187, 199, 205 looks on a white background.

Color Contrast Check

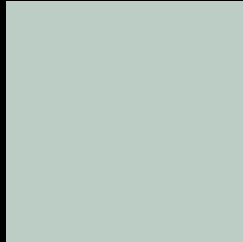
Large Text (above 18pt) WCAG AA × Fail

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 187, 199, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

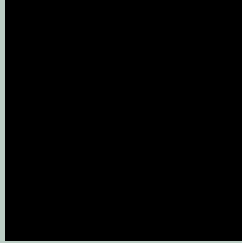
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

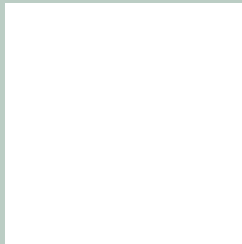
Any Text WCAG AAA ✓ Pass

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

RYB 187, 199, 205 Background



This preview shows how black text looks on a background with the RYB color 187, 199, 205.

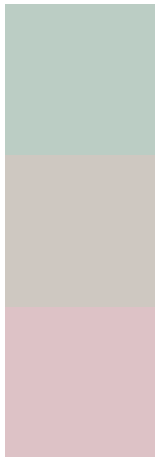


This preview shows how white text looks on a background with the RYB color 187, 199, 205.

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](#).

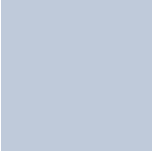
Dichromacy



Original Color
[187, 199, 205](#)

Protanopia
[204, 206, 193](#)

Deuteranopia
[221, 194, 198](#)



Tritanopia
191, 199, 218

Trichromacy



Original Color

187, 199, 205

Protanomaly

194, 202, 197

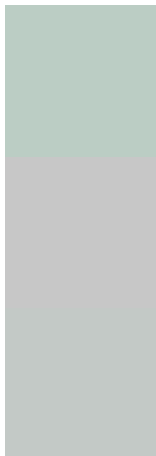
Deuteranomaly

209, 198, 197

Tritanomaly

190, 198, 210

Monochromacy



Original Color

187, 199, 205

Achromatopsia

199, 199, 199

Achromatomaly

195, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 199, 205 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(187, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 196)  
}
```

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(187, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 196) }
```

Border

The CSS property to change the border of an element to RYB 187, 199, 205 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(187, 205, 196) }
```

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

```
.border{ border-color:rgb(187, 205, 196) }
```

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

Here you see how a box with a 4 pixel rgb(187, 205, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 187, 199, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 196) }
```

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

```
.background{ background-color: rgb(187,  
205, 196) }
```

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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