

Converting Colors

`RYB(200, 187, 191)`

Have a look what the booklet for
RYB(200, 187, 191) contains.

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Color

R_YB(200, 187, 191)

Conversions

Conversions Part 1

Format	Color
Hex	C8BBBF
RGB	200, 187, 191
RGB Percent	78%, 73%, 75%
CMY	0.2157, 0.2667, 0.2510
CMYK	0.00, 0.07, 0.04, 0.22
HSL	342°, 11%, 76%
HSV	342°, 7%, 78%
XYZ	50.9937, 51.5816, 56.5588
YIQ	191.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

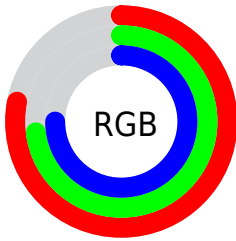
Format	Color
RYB	200, 187, 191
Decimal	13155263
CIELab	77.03, 5.29, -0.38
CIElCh	77, 5.306, 355.943
Yxy	51.5816, 0.3204, 0.3241
Android (android.graphics.Color)	4291345343 (0xFFC8BBBF)
YUV	191.3430, -0.1691, 7.5922
Hunter-Lab	71.8203, 1.0526, 3.5831

Details

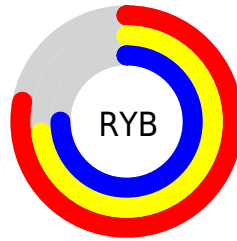
The RYB color **200, 187, 191** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 195, 200**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **255, 243, 247**, and **146, 134, 138** is the 20% darker color. If you saturate the color by 10%, you get **200, 167, 177**, and if you desaturate by 10%, it is **200, 204, 207**.

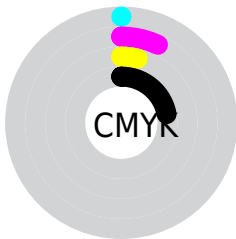
Distribution



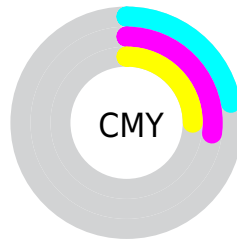
- Red (78%)
- Green (73%)
- Blue (75%)



- Red (78%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (22%)




- Cyan (22%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 200, 187, 191 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 200, 187, 191 by changing the saturation by 10% instead.

 200, 187, 191


255, 255, 255

 255, 243, 247

 200, 187, 191

 173, 160, 164

 146, 134, 138

 120, 109, 112

 96, 84, 88


 72, 61, 65

 49, 39, 43

 28, 19, 22


 0, 0, 0

 200, 187, 191


 200, 187, 191

 200, 167, 177


 200, 204, 207

 200, 147, 163


 200, 216, 227

 200, 127, 149


 200, 228, 247

 200, 107, 136

 200, 230, 255

 200, 87, 122

 200, 228, 255

 200, 67, 108

 200, 47, 94

 200, 27, 80

 200, 7, 66

Harmonies

Analogous

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



196, 188, 196



200, 187, 191



201, 187, 186

Triad

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



200, 187, 191



181, 191, 182



180, 187, 198

Complementary

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



200, 187, 191



187, 195, 200

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.



178, 186, 194



200, 187, 191



184, 191, 192

Square

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



200, 187, 191



188, 195, 180



180, 188, 193



185, 189, 200

Rectangle

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



200, 187, 191



200, 190, 183



180, 188, 193



179, 187, 197

Sweetspot

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



200, 187, 191



255, 250, 251



196, 187, 200



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



200, 187, 191



255, 235, 241



200, 189, 187



99, 90, 93



163, 0, 50



36, 0, 11

Inverse Universe

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



200, 187, 191



255, 235, 241



187, 193, 200



99, 90, 93



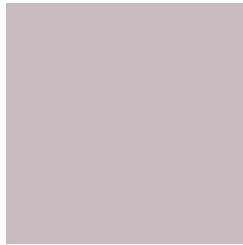
163, 0, 50



36, 0, 11

Previews

White Background



This preview shows how the RYB color 200, 187, 191 looks on a white background.

Color Contrast Check

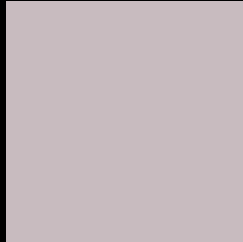
Large Text (above 18pt) WCAG AA × Fail

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 200, 187, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

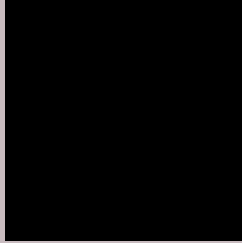
Any Text WCAG AA ✓ Pass

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 200, 187, 191 Background



This preview shows how black text looks on a background with the RYB color 200, 187, 191.



This preview shows how white text looks on a background with the RYB color 200, 187, 191.

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
200, 187, 191

Protanopia
193, 189, 192

Deuteranopia
208, 184, 192



Tritanopia
201, 186, 200

Trichromacy



Original Color

200, 187, 191

Protanomaly

196, 188, 192

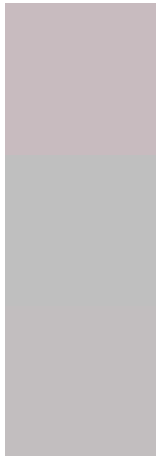
Deuteranomaly

205, 185, 192

Tritanomaly

201, 186, 197

Monochromacy



Original Color

200, 187, 191

Achromatopsia

191, 191, 191

Achromatomaly

194, 190, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 187, 191 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(200, 187, 191) looks like.

```
.text, #text, p{  
    color:rgb(200, 187, 191)  
}
```

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(200, 187, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 187, 191) }
```

Border

The CSS property to change the border of an element to RYB 200, 187, 191 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(200, 187, 191) }
```

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

```
.border{ border-color:rgb(200, 187, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 187, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 187, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 187, 191);  
box-shadow:4px 4px 4px 4px rgb(200, 187,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 200, 187, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 187, 191) }
```

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

```
.background{ background-color: rgb(200,  
187, 191) }
```

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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