

Converting Colors

`RYB(205, 187, 194)`

Have a look what the booklet for RYB(205, 187, 194) contains.

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Color

R_YB(205, 187, 194)

Conversions

Conversions Part 1

Format	Color
Hex	CDBBC2
RGB	205, 187, 194
RGB Percent	80%, 73%, 76%
CMY	0.1961, 0.2667, 0.2392
CMYK	0.00, 0.09, 0.05, 0.20
HSL	337°, 15%, 77%
HSV	337°, 9%, 80%
XYZ	52.6848, 52.4148, 58.3792
YIQ	193.1800, 8.4810, 5.9930

Conversions

Conversions Part 2

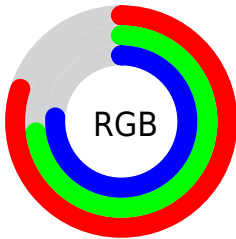
Format	Color
R _Y B	205, 187, 194
Decimal	13482946
CIE Lab	77.53, 7.59, -1.22
CIE LCh	78, 7.685, 350.843
Yxy	52.4148, 0.3223, 0.3206
Android (android.graphics.Color)	4291673026 (0xFFCDBBC2)
YUV	193.1800, 0.4043, 10.3661
Hunter-Lab	72.3981, 3.1995, 2.8693

Details

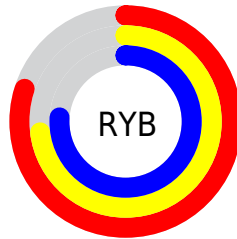
The RYB color **205, 187, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 198, 205**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 243, 250**, and **151, 134, 140** is the 20% darker color. If you saturate the color by 10%, you get **205, 166, 181**, and if you desaturate by 10%, it is **205, 206, 207**.

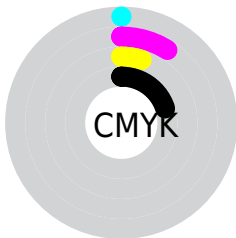
Distribution



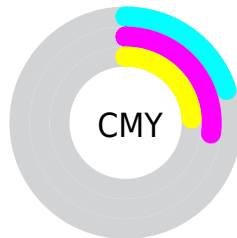
- Red (80%)
- Green (73%)
- Blue (76%)



- Red (80%)
- Yellow (73%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 187, 194 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 205, 187, 194 by changing the saturation by 10% instead.

 205, 187, 194

255, 255, 255

 255, 243, 250

 205, 187, 194

 177, 160, 167

 151, 134, 140

 125, 109, 115

 100, 84, 90

 76, 61, 67

 53, 39, 45

 32, 19, 24

 0, 0, 0

 205, 187, 194

 205, 187, 194

 205, 166, 181

 205, 206, 207

 205, 146, 169

 205, 219, 228

 205, 125, 156

 205, 232, 249

 205, 105, 144

 205, 233, 255

 205, 84, 131

 205, 230, 255

 205, 64, 119

 205, 43, 106

 205, 23, 94

 205, 2, 81

Harmonies

Analogous

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



199, 188, 201



205, 187, 194



207, 187, 187

Triad

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



205, 187, 194



178, 193, 179



176, 187, 202

Complementary

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



205, 187, 194



187, 198, 205

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.



174, 185, 196



205, 187, 194



182, 195, 193

Square

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



205, 187, 194



196, 200, 178



177, 189, 196



182, 189, 205

Rectangle

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



205, 187, 194



207, 190, 182



177, 189, 196



175, 186, 201

Sweetspot

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



205, 187, 194



255, 247, 250



198, 187, 205



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



205, 187, 194



255, 227, 238



205, 189, 187



102, 92, 96



166, 0, 64



38, 0, 15

Inverse Universe

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



205, 187, 194



255, 227, 238



187, 195, 205



102, 92, 96



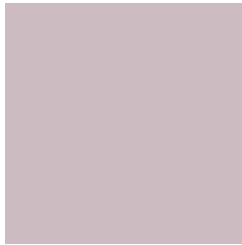
166, 0, 64



38, 0, 15

Previews

White Background



This preview shows how the RYB color 205, 187, 194 looks on a white background.

Color Contrast Check

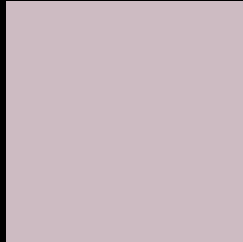
Large Text (above 18pt) WCAG AA × Fail

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 205, 187, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

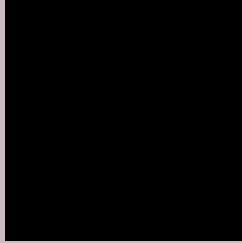
Any Text WCAG AA ✓ Pass

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 205, 187, 194 Background



This preview shows how black text looks on a background with the RYB color 205, 187, 194.



This preview shows how white text looks on a background with the RYB color 205, 187, 194.

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
205, 187, 194

Protanopia
194, 191, 196

Deuteranopia
209, 186, 194



Tritanopia
206, 186, 201

Trichromacy



Original Color

205, 187, 194

Protanomaly

198, 190, 195

Deuteranomaly

208, 186, 194

Tritanomaly

206, 186, 198

Monochromacy



Original Color

205, 187, 194

Achromatopsia

193, 193, 193

Achromatomaly

197, 191, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 187, 194 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(205, 187, 194) looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 194)  
}
```

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(205, 187, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 194) }
```

Border

The CSS property to change the border of an element to RYB 205, 187, 194 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(205, 187, 194) }
```

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

```
.border{ border-color:rgb(205, 187, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 187, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 205, 187, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 194) }
```

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

```
.background{ background-color: rgb(205,  
187, 194) }
```

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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