

Converting Colors

`RYB(204, 187, 208)`

Have a look what the booklet for RYB(204, 187, 208) contains.

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Color

R_YB(204, 187, 208)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBD0
RGB	204, 187, 208
RGB Percent	80%, 73%, 82%
CMY	0.2000, 0.2667, 0.1843
CMYK	0.02, 0.10, 0.00, 0.18
HSL	289°, 18%, 77%
HSV	289°, 10%, 82%
XYZ	54.0573, 52.9321, 67.0423
YIQ	194.4770, 3.3910, 10.1350

Conversions

Conversions Part 2

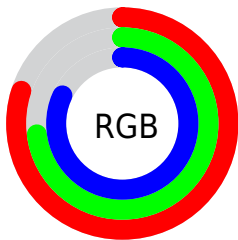
Format	Color
RYB	204, 187, 208
Decimal	13417424
CIELab	77.83, 9.80, -8.36
CIELCh	78, 12.885, 319.527
Yxy	52.9321, 0.3106, 0.3042
Android (android.graphics.Color)	4291607504 (0xFFCCBBD0)
YUV	194.4770, 6.6668, 8.3517
Hunter-Lab	72.7544, 5.3072, -3.7069

Details

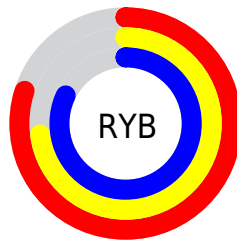
The RYB color **204, 187, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 208, 204**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **255, 243, 255**, and **150, 134, 154** is the 20% darker color. If you saturate the color by 10%, you get **200, 166, 208**, and if you desaturate by 10%, it is **208, 208, 208**.

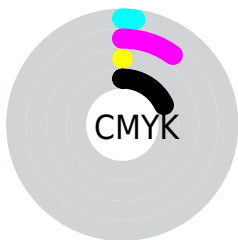
Distribution



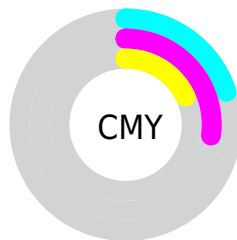
- Red (80%)
- Green (73%)
- Blue (82%)



- Red (80%)
- Yellow (73%)
- Blue (82%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 187, 208 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 204, 187, 208 by changing the saturation by 10% instead.

■ 204, 187, 208

255, 255, 255

■ 255, 243, 255

■ 204, 187, 208

■ 177, 160, 180

■ 150, 134, 154

■ 124, 109, 128

■ 99, 84, 103

■ 75, 61, 79

■ 52, 39, 56

■ 31, 19, 34

■ 0, 0, 11

■ 0, 0, 0

204, 187, 208

204, 187, 208

200, 166, 208

208, 208, 208

196, 145, 208

208, 229, 225

192, 125, 208

208, 249, 241

188, 104, 208

208, 255, 243

184, 83, 208

208, 255, 239

180, 62, 208

208, 255, 235

176, 41, 208

208, 255, 231

172, 21, 208

208, 255, 227

168, 0, 208

208, 255, 223

Harmonies

Analogous

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



190, 191, 215



204, 187, 208



214, 185, 197

Triad

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



204, 187, 208



197, 206, 169



162, 181, 200

Complementary

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



204, 187, 208



187, 208, 204

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.



168, 187, 199



204, 187, 208



170, 194, 170

Square

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



204, 187, 208



215, 192, 175



177, 197, 194



165, 184, 210

Rectangle

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



204, 187, 208



218, 184, 189



177, 197, 194



164, 183, 200

Sweetspot

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



204, 187, 208



254, 247, 255



187, 190, 208



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 187, 208



249, 224, 255



208, 187, 202



103, 94, 105



136, 0, 168



33, 0, 41

Inverse Universe

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



208, 187, 191



255, 224, 230



187, 203, 208



105, 94, 96



168, 0, 32



41, 0, 8

Previews

White Background



This preview shows how the RYB color 204, 187, 208 looks on a white background.

Color Contrast Check

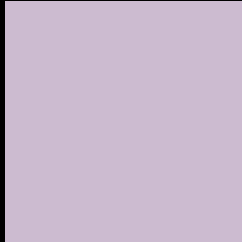
Large Text (above 18pt) WCAG AA × Fail

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 204, 187, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

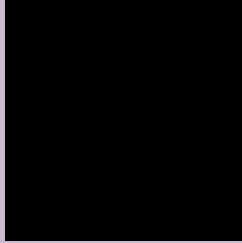
Any Text WCAG AA ✓ Pass

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 204, 187, 208 Background



This preview shows how black text looks on a background with the RYB color 204, 187, 208.



This preview shows how white text looks on a background with the RYB color 204, 187, 208.

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
[204, 187, 208](#)

Protanopia
[191, 191, 211](#)

Deuteranopia
[204, 187, 208](#)



Tritanopia
203, 188, 203

Trichromacy



Original Color
204, 187, 208

Protanomaly
196, 190, 210

Deuteranomaly
204, 187, 208

Tritanomaly
203, 188, 205

Monochromacy



Original Color
204, 187, 208

Achromatopsia
194, 194, 194

Achromatomaly
198, 191, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 187, 208 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(204, 187, 208) looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 208)  
}
```

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(204, 187, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 208) }
```

Border

The CSS property to change the border of an element to RYB 204, 187, 208 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(204, 187, 208) }
```

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

```
.border{ border-color:rgb(204, 187, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 187, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 204, 187, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 187, 208) }
```

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

```
.background{ background-color: rgb(204,  
187, 208) }
```

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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