

Converting Colors

`RYB(204, 187, 215)`

Have a look what the booklet for RYB(204, 187, 215) contains.

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Color

R_YB(204, 187, 215)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBD7
RGB	204, 187, 215
RGB Percent	80%, 73%, 84%
CMY	0.2000, 0.2667, 0.1569
CMYK	0.05, 0.13, 0.00, 0.16
HSL	276°, 26%, 79%
HSV	276°, 13%, 84%
XYZ	54.9379, 53.2843, 71.6793
YIQ	195.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

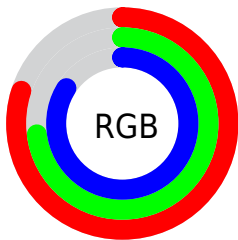
Format	Color
RYB	204, 187, 215
Decimal	13417431
CIELab	78.04, 11.14, -11.84
CIElCh	78, 16.260, 313.262
Yxy	53.2843, 0.3054, 0.2962
Android (android.graphics.Color)	4291607511 (0xFFCCBBD7)
YUV	195.2750, 9.7244, 7.6518
Hunter-Lab	72.9961, 6.5984, -7.1232

Details

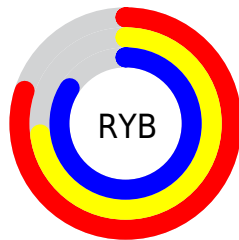
The RYB color **204, 187, 215** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **187, 215, 204**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 243, 255**, and **150, 134, 160** is the 20% darker color. If you saturate the color by 10%, you get **196, 166, 215**, and if you desaturate by 10%, it is **212, 209, 215**.

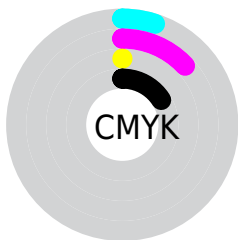
Distribution



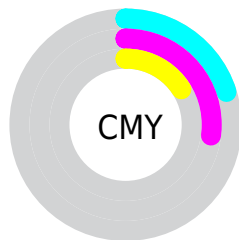
- Red (80%)
- Green (73%)
- Blue (84%)



- Red (80%)
- Yellow (73%)
- Blue (84%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 187, 215 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, 215 by changing the saturation by 10% instead.

■ 204, 187, 215

255, 255, 255

■ 255, 243, 255

■ 204, 187, 215

■ 176, 160, 187

■ 150, 134, 160

■ 124, 109, 134

■ 99, 84, 109

■ 75, 61, 84

■ 52, 39, 61

■ 30, 19, 39

■ 0, 0, 19

■ 0, 0, 0

■ 204, 187, 215

■ 204, 187, 215

■ 196, 166, 215

■ 212, 209, 215

■ 187, 144, 215

■ 215, 230, 224

■ 179, 122, 215

■ 215, 252, 238

■ 170, 101, 215

■ 215, 255, 232

■ 162, 79, 215

■ 215, 255, 224

■ 153, 58, 215

■ 215, 255, 215

■ 145, 36, 215

■ 136, 15, 215

■ 131, 0, 215

Harmonies

Analogous

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



185, 191, 222



204, 187, 215



218, 183, 202

Triad

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



204, 187, 215



211, 213, 164



155, 179, 202

Complementary

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



204, 187, 215



187, 215, 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.



165, 189, 201



204, 187, 215



169, 198, 164

Square

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



204, 187, 215



223, 189, 173



171, 198, 188



155, 180, 213

Rectangle

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



204, 187, 215



224, 183, 192



171, 198, 188



157, 182, 202

Sweetspot

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



204, 187, 215



251, 245, 255



187, 195, 215



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 187, 215



239, 214, 255



215, 187, 212



103, 96, 107



104, 0, 171



26, 0, 43

Inverse Universe

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



215, 187, 198



255, 214, 230



187, 212, 215



107, 96, 101



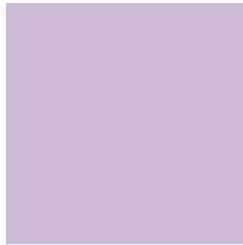
171, 0, 67



43, 0, 17

Previews

White Background



This preview shows how the RYB color 204, 187, 215 looks on a white background.

Color Contrast Check

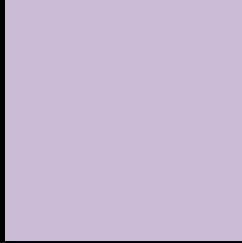
Large Text (above 18pt) WCAG AA × Fail

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, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

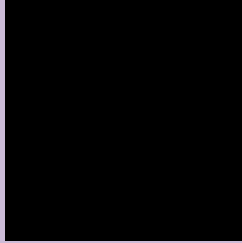
Any Text WCAG AA ✓ Pass

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, 215 Background



This preview shows how black text looks on a background with the RYB color 204, 187, 215.



This preview shows how white text looks on a background with the RYB color 204, 187, 215.

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, 215

Protanopia
189, 192, 218

Deuteranopia
202, 188, 215



Tritanopia
202, 189, 204

Trichromacy



Original Color

204, 187, 215

Protanomaly

194, 190, 217

Deuteranomaly

203, 188, 215

Tritanomaly

203, 188, 208

Monochromacy



Original Color

204, 187, 215

Achromatopsia

195, 195, 195

Achromatomaly

198, 192, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 187, 215 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, 215) looks like.

```
.text, #text, p{  
    color:rgb(204, 187, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 215) }
```

Border

The CSS property to change the border of an element to RYB 204, 187, 215 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, 215) }
```

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

```
.border{ border-color:rgb(204, 187, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 187, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 187, 215);  
box-shadow:4px 4px 4px 4px rgb(204, 187,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 204, 187, 215 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, 215) }
```

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

```
.background{ background-color: rgb(204,  
187, 215) }
```

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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