Converting Colors

RGB(204, 187, 214)

Have a look what the booklet for RGB(204, 187, 214) contains.

Color

RGB(204, 187, 214)

Conversions

Conversions Part 1

Format	Color
Hex	CCBBD6
RGB	204, 187, 214
RGB Percent	80%, 73%, 84%
CMY	0.2000, 0.2667, 0.1608
CMYK	0.05, 0.13, 0.00, 0.16
HSL	278°, 25%, 79%
HSV	278°, 13%, 84%
XYZ	54.8098, 53.2331, 71.0046
YIQ	195.1610, 1.4650, 12.0010

Conversions

Conversions Part 2

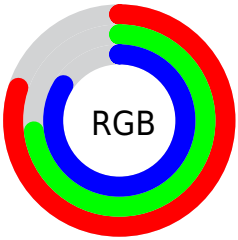
Format	Color
RYB	204, 187, 214
Decimal	13417430
CIELab	78.01, 10.95, -11.35
CIELCh	78, 15.767, 313.983
Yxy	53.2331, 0.3061, 0.2973
Android (android.graphics.Color)	4291607510 (0xFFCCBBD6)
YUV	195.1610, 9.2876, 7.7518
Hunter-Lab	72.9610, 6.4111, -6.6275

Details

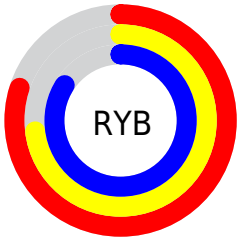
The RGB color 204, 187, 214 is a light color, and the websafe version is hex CCCCFF. A complement of this color would be 197, 214, 187, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 255, 243, 255, and 150, 134, 159 is the 20% darker color. If you saturate the color by 10%, you get 196, 166, 214, and if you desaturate by 10%, it is 212, 208, 214.

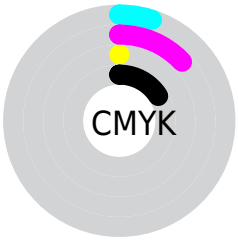
Distribution



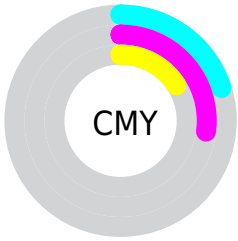
- Red (80%)
- Green (73%)
- Blue (84%)



- 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 RGB color 204, 187, 214 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 RGB color 204, 187, 214 by changing the saturation by 10% instead.

204, 187, 214

255, 255, 255

255, 243, 255

204, 187, 214

177, 160, 186

150, 134, 159

124, 109, 133

99, 84, 108

75, 61, 84

52, 39, 60

31, 19, 39

0, 0, 18

0, 0, 0

204, 187, 214

196, 166, 214

188, 144, 214

180, 123, 214

172, 101, 214

164, 80, 214

156, 59, 214

149, 37, 214

141, 16, 214

135, 0, 214

204, 187, 214

212, 208, 214

220, 230, 214

228, 251, 214

236, 255, 214

244, 255, 214

252, 255, 214

255, 255, 214

Harmonies

Analogous

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

186, 192, 221

204, 187, 214

218, 184, 201

Triad

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

204, 187, 214

212, 189, 165

156, 202, 199

Complementary

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

204, 187, 214

197, 214, 187

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, 201, 184

204, 187, 214

197, 194, 165

Square

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

204, 187, 214

222, 185, 173

181, 198, 172

157, 200, 213

Rectangle

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

204, 187, 214

223, 183, 191

181, 198, 172

158, 202, 194

Sweetspot

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

204, 187, 214

251, 245, 255

187, 197, 214

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, 214

241, 217, 255

214, 187, 211

103, 96, 107

108, 0, 171

27, 0, 43

Inverse Universe

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

214, 187, 197

255, 217, 231

187, 214, 190

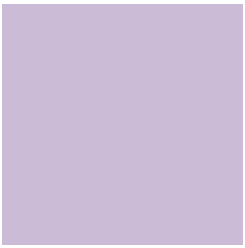
107, 96, 100

171, 0, 63

43, 0, 16

Previews

White Background

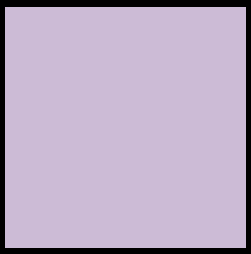


This preview shows how the RGB color 204, 187, 214 looks on a white background.

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



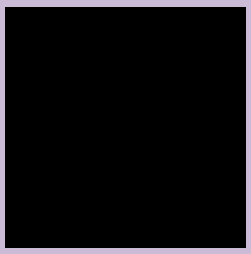
This preview shows how the RGB color 204, 187, 214 looks on a black background.

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.

RGB 204, 187, 214 Background



This preview shows how black text looks on a background with the RGB color 204, 187, 214.

This preview shows how white text looks on a background with the RGB color 204, 187, 214.

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

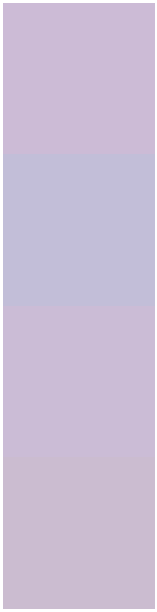
Original Color
204, 187, 214

Protanopia
189, 192, 217

Deuteranopia
202, 188, 214

Tritanopia
202, 189, 204

Trichromacy



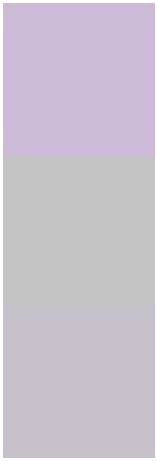
Original Color
204, 187, 214

Protanomaly
194, 190, 216

Deuteranomaly
203, 188, 214

Tritanomaly
203, 188, 208

Monochromacy



Original Color
204, 187, 214

Achromatopsia
195, 195, 195

Achromatomaly
198, 192, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 204, 187, 214 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, 214) looks like.

```
.text, #text, p{
    color:rgb(204, 187, 214)
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 187, 214) }
```

Border

The CSS property to change the border of an element to RGB 204, 187, 214 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, 214) }
```

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

```
.border{ border-color:rgb(204, 187, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 187, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 187, 214); box-shadow:4px 4px 4px 4px rgb(204, 187, 214) }
```

Background

The CSS property to change the background color of an element to RGB 204, 187, 214 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, 214) }
```

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

```
.background{ background-color:rgb(204,
187, 214) }
```

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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