

Converting Colors

`RYB(204, 198, 203)`

Have a look what the booklet for
RYB(204, 198, 203) contains.

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Color

R_YB(204, 198, 203)

Conversions

Conversions Part 1

Format	Color
Hex	CCC6CB
RGB	204, 198, 203
RGB Percent	80%, 78%, 80%
CMY	0.2000, 0.2235, 0.2039
CMYK	0.00, 0.03, 0.00, 0.20
HSL	310°, 6%, 79%
HSV	310°, 3%, 80%
XYZ	55.8754, 57.5373, 64.6608
YIQ	200.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

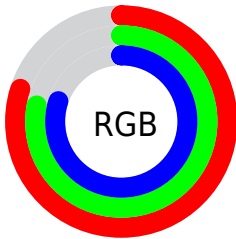
Format	Color
R _Y B	204, 198, 203
Decimal	13420235
CIE Lab	80.48, 2.99, -1.76
CIE LCh	80, 3.470, 329.480
Yxy	57.5373, 0.3138, 0.3231
Android (android.graphics.Color)	4291610315 (0xFFCCC6CB)
YUV	200.3640, 1.2995, 3.1888
Hunter-Lab	75.8534, -1.2560, 2.5559

Details

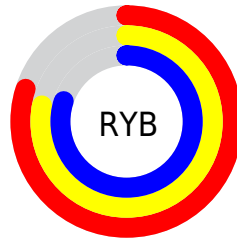
The RYB color **204, 198, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 203, 204**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **255, 255, 255**, and **150, 144, 149** is the 20% darker color. If you saturate the color by 10%, you get **204, 178, 200**, and if you desaturate by 10%, it is **204, 216, 218**.

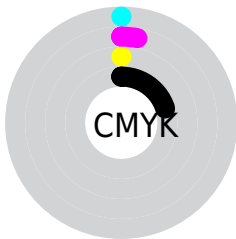
Distribution



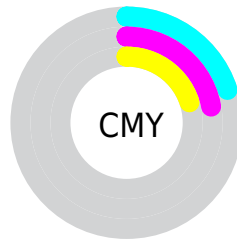
- Red (80%)
- Green (78%)
- Blue (80%)



- Red (80%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 198, 203 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, 198, 203 by changing the saturation by 10% instead.

■ 204, 198, 203

255, 255, 255

■ 204, 198, 203

■ 177, 171, 176

■ 150, 144, 149

■ 124, 119, 123

■ 99, 94, 98


■ 75, 70, 75


■ 53, 48, 52

■ 32, 27, 31

■ 8, 0, 6


■ 0, 0, 0

 204, 198, 203

 204, 198, 203

 204, 178, 200


 204, 216, 218

 204, 157, 196

 204, 234, 239

 204, 137, 193

 204, 247, 255

 204, 116, 189

 204, 245, 255

 204, 96, 186

 204, 243, 255

 204, 76, 183


 204, 241, 255

 204, 55, 179

 204, 239, 255

 204, 35, 176

 204, 238, 255

 204, 14, 172

 204, 236, 255

Harmonies

Analogous

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



200, 199, 205



204, 198, 203



206, 198, 200

Triad

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



204, 198, 203



200, 203, 193



192, 197, 203

Complementary

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



204, 198, 203



198, 203, 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.



193, 198, 202



204, 198, 203



194, 200, 195

Square

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



204, 198, 203



206, 200, 194



195, 200, 201



193, 198, 205

Rectangle

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



204, 198, 203



207, 198, 198



195, 200, 201



192, 197, 202

Sweetspot

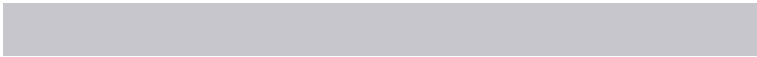
The Sweet Spot groups the original color and five complimentary colors.



204, 198, 203



255, 252, 255



199, 198, 204



128, 126, 127



0, 0, 0



128, 128, 128

Same Dimension

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



204, 198, 203



255, 245, 253



204, 198, 200



102, 97, 101



166, 0, 138



38, 0, 32

Inverse Universe

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



204, 198, 203



255, 245, 253



198, 202, 204



102, 97, 101



166, 0, 138



38, 0, 32

Previews

White Background



This preview shows how the RYB color 204, 198, 203 looks on a white background.

Color Contrast Check

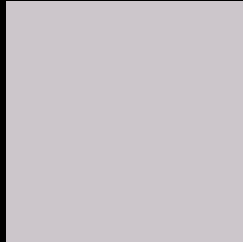
Large Text (above 18pt) WCAG AA × Fail

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, 198, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

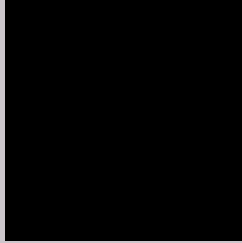
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

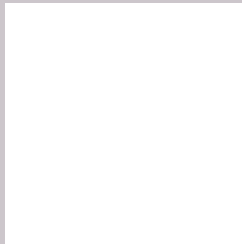
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 204, 198, 203 Background



This preview shows how black text looks on a background with the RYB color 204, 198, 203.

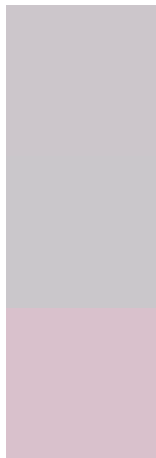


This preview shows how white text looks on a background with the RYB color 204, 198, 203.

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, 198, 203](#)

Protanopia
[202, 199, 203](#)

Deuteranopia
[217, 193, 204](#)



Tritanopia
205, 197, 212

Trichromacy



Original Color

204, 198, 203

Protanomaly

203, 199, 203

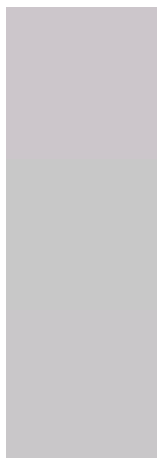
Deuteranomaly

212, 195, 204

Tritanomaly

205, 197, 209

Monochromacy



Original Color

204, 198, 203

Achromatopsia

200, 200, 200

Achromatomaly

201, 199, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 198, 203 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, 198, 203) looks like.

```
.text, #text, p{  
    color:rgb(204, 198, 203)  
}
```

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, 198, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 198, 203) }
```

Border

The CSS property to change the border of an element to RYB 204, 198, 203 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, 198, 203) }
```

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

```
.border{ border-color:rgb(204, 198, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 198, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 198, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 198, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 198,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 204, 198, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 198, 203) }
```

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

```
.background{ background-color: rgb(204,  
198, 203) }
```

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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