

Converting Colors

`RYB(213, 198, 213)`

Have a look what the booklet for
RYB(213, 198, 213) contains.

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Color

$\text{RYB}(213, 198, 213)$

Conversions

Conversions Part 1

Format	Color
Hex	D5C6D5
RGB	213, 198, 213
RGB Percent	84%, 78%, 84%
CMY	0.1647, 0.2235, 0.1647
CMYK	0.00, 0.07, 0.00, 0.16
HSL	300°, 15%, 81%
HSV	300°, 7%, 84%
XYZ	59.6449, 59.3384, 71.2606
YIQ	204.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

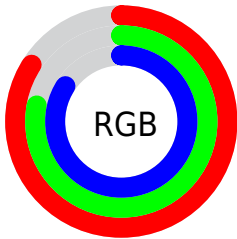
Format	Color
R _Y B	213, 198, 213
Decimal	14010069
CIE Lab	81.48, 7.91, -5.58
CIE LCh	81, 9.680, 324.799
Yxy	59.3384, 0.3135, 0.3119
Android (android.graphics.Color)	4292200149 (0xFFD5C6D5)
YUV	204.1950, 4.3409, 7.7220
Hunter-Lab	77.0314, 3.4063, -0.9263

Details

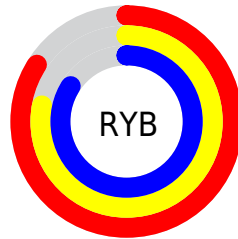
The RYB color **213, 198, 213** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **198, 213, 213**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is 255, 255, 255, and **158, 144, 158** is the 20% darker color. If you saturate the color by 10%, you get **213, 177, 213**, and if you desaturate by 10%, it is **213, 219, 219**.

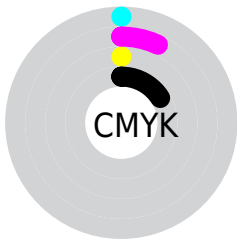
Distribution



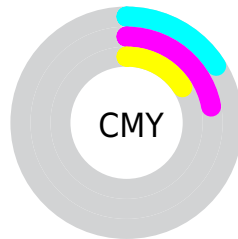
- Red (84%)
- Green (78%)
- Blue (84%)



- Red (84%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 198, 213 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 213, 198, 213 by changing the saturation by 10% instead.

■ 213, 198, 213

255, 255, 255

■ 213, 198, 213

■ 185, 171, 185

■ 158, 144, 158

■ 132, 119, 132

■ 107, 94, 107

■ 83, 70, 83

■ 60, 48, 60


■ 38, 27, 38

■ 18, 0, 18

■ 0, 0, 0

 213, 198, 213

 213, 198, 213

 213, 177, 213


 213, 219, 219


 213, 155, 213

 213, 241, 241

 213, 134, 213

 213, 255, 255


 213, 113, 213

 213, 92, 213

 213, 70, 213

 213, 49, 213

 213, 28, 213

 213, 6, 213

Harmonies

Analogous

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



202, 201, 219



213, 198, 213



220, 197, 204

Triad

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



213, 198, 213



204, 212, 185



180, 194, 210

Complementary

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



213, 198, 213



198, 213, 213

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.



183, 198, 208



213, 198, 213



186, 204, 188

Square

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



213, 198, 213



219, 203, 188



191, 206, 207



183, 197, 217

Rectangle

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



213, 198, 213



222, 196, 198



191, 206, 207



181, 195, 208

Sweetspot

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



213, 198, 213



255, 250, 255



198, 198, 213



128, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



213, 198, 213



255, 235, 255



213, 198, 206



107, 96, 107



171, 0, 171



43, 0, 43

Inverse Universe

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



213, 198, 213



255, 235, 255



198, 208, 213



107, 96, 107



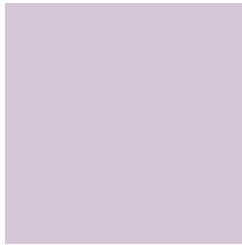
171, 0, 171



43, 0, 43

Previews

White Background



This preview shows how the RYB color 213, 198, 213 looks on a white background.

Color Contrast Check

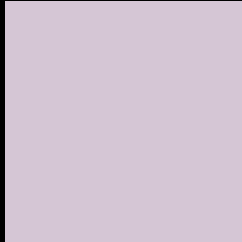
Large Text (above 18pt) WCAG AA × Fail

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 213, 198, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

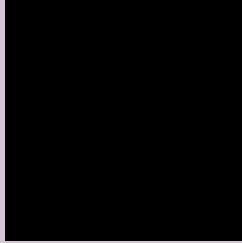
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

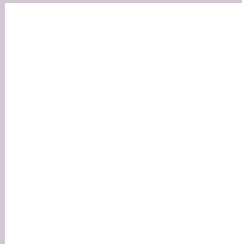
Any Text WCAG AAA ✓ Pass

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

RYB 213, 198, 213 Background



This preview shows how black text looks on a background with the RYB color 213, 198, 213.

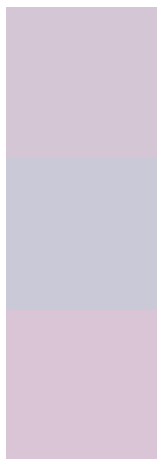


This preview shows how white text looks on a background with the RYB color 213, 198, 213.

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
213, 198, 213

Protanopia
202, 201, 215

Deuteranopia
217, 197, 213



Tritanopia
213, 198, 213

Trichromacy



Original Color

213, 198, 213

Protanomaly

206, 200, 214

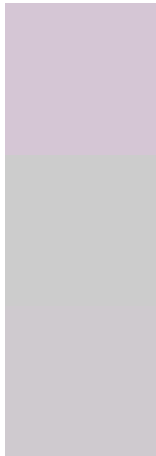
Deuteranomaly

216, 197, 213

Tritanomaly

213, 198, 213

Monochromacy



Original Color

213, 198, 213

Achromatopsia

204, 204, 204

Achromatomaly

207, 202, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 198, 213 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(213, 198, 213) looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 213)  
}
```

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(213, 198, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 213) }
```

Border

The CSS property to change the border of an element to RYB 213, 198, 213 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(213, 198, 213) }
```

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

```
.border{ border-color:rgb(213, 198, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 198, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 198, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 198,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 213, 198, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 213) }
```

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

```
.background{ background-color: rgb(213,  
198, 213) }
```

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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