

Converting Colors

`RYB(213, 168, 174)`

Have a look what the booklet for
RYB(213, 168, 174) contains.

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Color

R_YB(213, 168, 174)

Conversions

Conversions Part 1

Format	Color
Hex	D5A8AE
RGB	213, 168, 174
RGB Percent	84%, 66%, 68%
CMY	0.1647, 0.3412, 0.3176
CMYK	0.00, 0.21, 0.18, 0.16
HSL	352°, 35%, 75%
HSV	352°, 21%, 84%
XYZ	49.0832, 45.2074, 46.1833
YIQ	182.1390, 24.8940, 11.4060

Conversions

Conversions Part 2

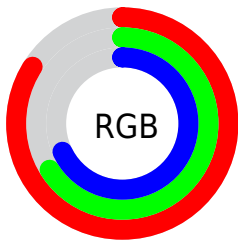
Format	Color
R _Y B	213, 168, 174
Decimal	14002350
CIE Lab	73.03, 17.40, 3.23
CIE LCh	73, 17.699, 10.506
Yxy	45.2074, 0.3494, 0.3218
Android (android.graphics.Color)	4292192430 (0xFFD5A8AE)
YUV	182.1390, -4.0125, 27.0651
Hunter-Lab	67.2364, 12.6428, 6.3404

Details

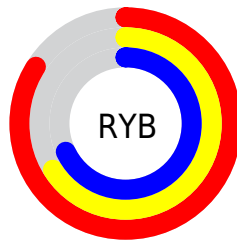
The RYB color **213, 168, 174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 192, 213**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 223, 229**, and **158, 116, 122** is the 20% darker color. If you saturate the color by 10%, you get **213, 147, 156**, and if you desaturate by 10%, it is **213, 189, 192**.

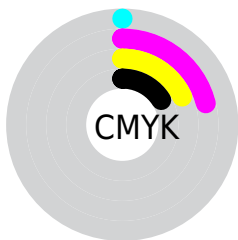
Distribution



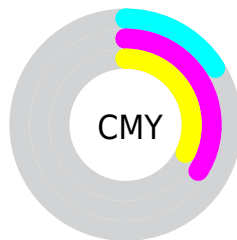
- Red (84%)
- Green (66%)
- Blue (68%)



- Red (84%)
- Yellow (66%)
- Blue (68%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (16%)



- Cyan (16%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 168, 174 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, 168, 174 by changing the saturation by 10% instead.

 213, 168, 174

255, 255, 255


 255, 223, 229

 255, 252, 255

 213, 168, 174

 185, 141, 147

 158, 116, 122

 131, 91, 97

 105, 67, 73


 80, 45, 51

 57, 23, 30

 37, 0, 4

 0, 0, 0

 213, 168, 174


 213, 168, 174

 213, 147, 156


 213, 189, 192

 213, 125, 137


 213, 211, 211

 213, 104, 119


 213, 223, 232


 213, 83, 100


 213, 234, 253

 213, 61, 82

 213, 234, 255

 213, 40, 63

 213, 19, 45

 213, 0, 28

Harmonies

Analogous

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



205, 169, 190



213, 168, 174



211, 173, 159

Triad

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



213, 168, 174



154, 185, 171



149, 171, 209

Complementary

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



213, 168, 174



168, 192, 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.



137, 165, 200



213, 168, 174



150, 176, 188

Square

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



213, 168, 174



154, 186, 147



138, 165, 189



169, 177, 211

Rectangle

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



213, 168, 174



206, 186, 152



138, 165, 189



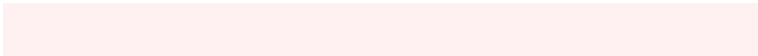
144, 169, 207

Sweetspot

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



213, 168, 174



255, 240, 242



207, 168, 213



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



213, 168, 174



255, 191, 200



213, 195, 168



107, 96, 98



171, 0, 23



43, 0, 6

Inverse Universe

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



213, 168, 174



255, 191, 200



168, 186, 213



107, 96, 98



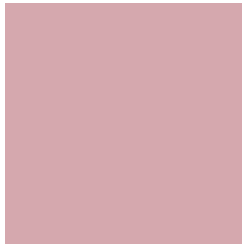
171, 0, 23



43, 0, 6

Previews

White Background



This preview shows how the RYB color 213, 168, 174 looks on a white background.

Color Contrast Check

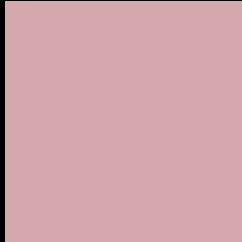
Large Text (above 18pt) WCAG AA × Fail

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, 168, 174 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, 168, 174 Background



This preview shows how black text looks on a background with the RYB color 213, 168, 174.



This preview shows how white text looks on a background with the RYB color 213, 168, 174.

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, 168, 174

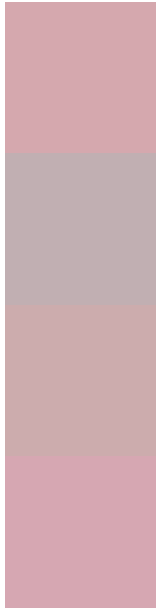
Protanopia
182, 179, 180

Deuteranopia
199, 174, 173



Tritanopia
214, 167, 180

Trichromacy



Original Color
213, 168, 174

Protanomaly
193, 175, 178

Deuteranomaly
204, 172, 173

Tritanomaly
214, 167, 178

Monochromacy



Original Color
213, 168, 174

Achromatopsia
182, 182, 182

Achromatomaly
193, 177, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 168, 174 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, 168, 174) looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 174)  
}
```

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, 168, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 174) }
```

Border

The CSS property to change the border of an element to RYB 213, 168, 174 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, 168, 174) }
```

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

```
.border{ border-color:rgb(213, 168, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 168, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 174);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
174) }
```

Background

The CSS property to change the background color of an element to RGB 213, 168, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 174) }
```

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

```
.background{ background-color: rgb(213,  
168, 174) }
```

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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