

Converting Colors

`RYB(200, 168, 169)`

Have a look what the booklet for
RYB(200, 168, 169) contains.

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Color

R_YB(200, 168, 169)

Conversions

Conversions Part 1

Format	Color
Hex	C8A8A9
RGB	200, 168, 169
RGB Percent	78%, 66%, 66%
CMY	0.2157, 0.3412, 0.3373
CMYK	0.00, 0.16, 0.16, 0.22
HSL	358°, 23%, 72%
HSV	358°, 16%, 78%
XYZ	44.9835, 43.1492, 43.4939
YIQ	177.6820, 18.7510, 7.0950

Conversions

Conversions Part 2

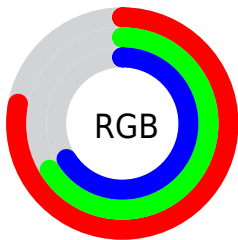
Format	Color
R _{YB}	200, 168, 169
Decimal	13150377
CIE Lab	71.66, 11.82, 3.84
CIE LCh	72, 12.429, 17.981
Yxy	43.1492, 0.3418, 0.3278
Android (android.graphics.Color)	4291340457 (0xFFC8A8A9)
YUV	177.6820, -4.2802, 19.5729
Hunter-Lab	65.6880, 7.2835, 6.7241

Details

The RYB color **200, 168, 169** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **168, 184, 200**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **255, 223, 224**, and **146, 116, 117** is the 20% darker color. If you saturate the color by 10%, you get **200, 148, 150**, and if you desaturate by 10%, it is **200, 188, 188**.

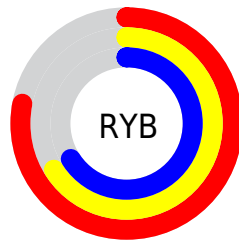
Distribution



Red (78%)

Green (66%)

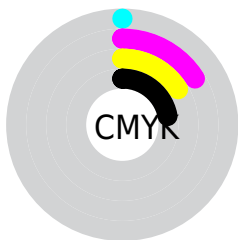
Blue (66%)



Red (78%)

Yellow (66%)

Blue (66%)

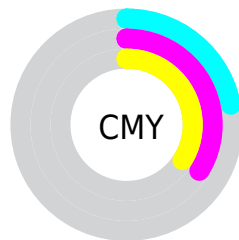


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 168, 169 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 200, 168, 169 by changing the saturation by 10% instead.

 200, 168, 169

 200, 168, 169

255, 255, 255

 172, 142, 143

 255, 223, 224


 146, 116, 117

 255, 252, 253

 120, 91, 92

 95, 68, 69


 70, 45, 47


 47, 24, 26

 29, 0, 0


 0, 0, 0

 200, 168, 169


 200, 168, 169

 200, 148, 150

 200, 188, 188

 200, 128, 130

 200, 204, 208

 200, 108, 111

 200, 214, 228

 200, 88, 91

 200, 224, 248

 200, 68, 72

 200, 228, 255

 200, 48, 53

 200, 28, 33

 200, 8, 14

 200, 0, 6

Harmonies

Analogous

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



196, 168, 181



200, 168, 169



198, 174, 159

Triad

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



200, 168, 169



160, 180, 176



158, 171, 197

Complementary

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



200, 168, 169



168, 184, 200

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.



149, 167, 192



200, 168, 169



153, 171, 182

Square

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



200, 168, 169



154, 177, 154



147, 165, 182



172, 174, 197

Rectangle

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



200, 168, 169



193, 186, 155



147, 165, 182



154, 170, 196

Sweetspot

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



200, 168, 169



255, 242, 243



199, 168, 200



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



200, 168, 169



255, 207, 208



200, 196, 168



99, 90, 90



163, 0, 5



36, 0, 1

Inverse Universe

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



200, 168, 169



255, 207, 208



168, 179, 200



99, 90, 90



163, 0, 5



36, 0, 1

Previews

White Background



This preview shows how the RYB color 200, 168, 169 looks on a white background.

Color Contrast Check

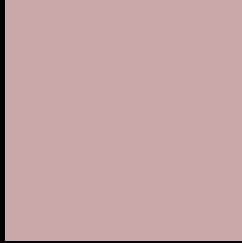
Large Text (above 18pt) WCAG AA × Fail

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 200, 168, 169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

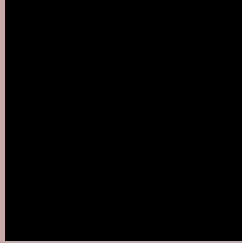
Any Text WCAG AA ✓ Pass

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 200, 168, 169 Background



This preview shows how black text looks on a background with the RYB color 200, 168, 169.



This preview shows how white text looks on a background with the RYB color 200, 168, 169.

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
200, 168, 169

Protanopia
179, 176, 173

Deuteranopia
195, 170, 169



Tritanopia
201, 166, 179

Trichromacy



Original Color
200, 168, 169

Protanomaly
187, 172, 172

Deuteranomaly
197, 169, 169

Tritanomaly
201, 167, 175

Monochromacy



Original Color
200, 168, 169

Achromatopsia
178, 178, 178

Achromatomaly
186, 174, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 168, 169 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(200, 168, 169) looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 169)  
}
```

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(200, 168, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 169) }
```

Border

The CSS property to change the border of an element to RYB 200, 168, 169 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(200, 168, 169) }
```

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

```
.border{ border-color:rgb(200, 168, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 168, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
169) }
```

Background

The CSS property to change the background color of an element to RGB 200, 168, 169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 169) }
```

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

```
.background{ background-color: rgb(200,  
168, 169) }
```

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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