

Converting Colors

`RYB(200, 169, 180)`

Have a look what the booklet for RYB(200, 169, 180) contains.

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Color

R_YB(200, 169, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C8A9B4
RGB	200, 169, 180
RGB Percent	78%, 66%, 71%
CMY	0.2157, 0.3373, 0.2941
CMYK	0.00, 0.16, 0.10, 0.22
HSL	339°, 22%, 72%
HSV	339°, 16%, 78%
XYZ	46.2456, 43.9506, 49.2259
YIQ	179.5230, 14.9450, 9.9930

Conversions

Conversions Part 2

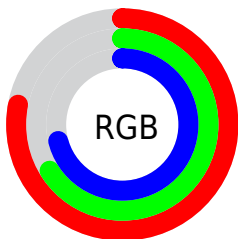
Format	Color
R _{YB}	200, 169, 180
Decimal	13150644
CIE Lab	72.20, 13.11, -1.44
CIE LCh	72, 13.187, 353.736
Yxy	43.9506, 0.3317, 0.3152
Android (android.graphics.Color)	4291340724 (0xFFC8A9B4)
YUV	179.5230, 0.2352, 17.9583
Hunter-Lab	66.2952, 8.4997, 2.3823

Details

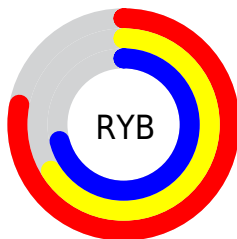
The RYB color **200, 169, 180** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **169, 188, 200**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 224, 236**, and **146, 117, 127** is the 20% darker color. If you saturate the color by 10%, you get **200, 149, 167**, and if you desaturate by 10%, it is **200, 189, 193**.

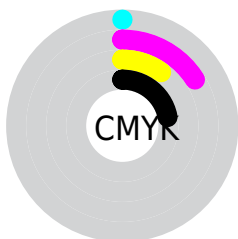
Distribution



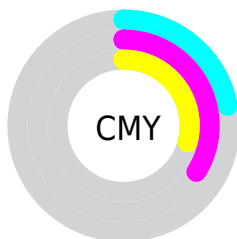
- Red (78%)
- Green (66%)
- Blue (71%)



- Red (78%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 169, 180 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, 169, 180 by changing the saturation by 10% instead.

 200, 169, 180

255, 255, 255

 255, 224, 236


 255, 253, 255


 200, 169, 180

 173, 142, 153

 146, 117, 127

 120, 92, 102

 95, 68, 78

 71, 46, 56


 48, 25, 34

 29, 0, 12


 0, 0, 0

 200, 169, 180


 200, 169, 180

 200, 149, 167


 200, 189, 193

 200, 129, 154


 200, 205, 209

 200, 109, 141

 200, 218, 229

 200, 89, 128


 200, 230, 249

 200, 69, 115

 200, 230, 255

 200, 49, 103

 200, 228, 255

 200, 29, 90

 200, 9, 77

 200, 0, 71

Harmonies

Analogous

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



190, 171, 191



200, 169, 180



203, 169, 168

Triad

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



200, 169, 180



155, 179, 158



150, 169, 196

Complementary

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



200, 169, 180



169, 188, 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.



146, 165, 186



200, 169, 180



162, 182, 181

Square

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



200, 169, 180



176, 189, 153



151, 170, 184



161, 173, 201

Rectangle

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



200, 169, 180



201, 174, 161



151, 170, 184



148, 168, 193

Sweetspot

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



200, 169, 180



255, 242, 247



189, 169, 200



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



200, 169, 180



255, 207, 224



200, 174, 169



99, 90, 93



163, 0, 58



36, 0, 13

Inverse Universe

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



200, 169, 180



255, 207, 224



169, 183, 200



99, 90, 93



163, 0, 58



36, 0, 13

Previews

White Background



This preview shows how the RYB color 200, 169, 180 looks on a white background.

Color Contrast Check

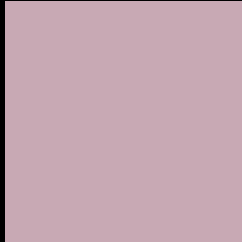
Large Text (above 18pt) WCAG AA × Fail

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, 169, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

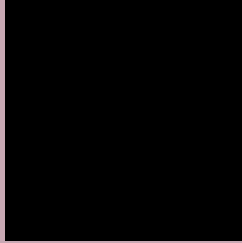
Any Text WCAG AA ✓ Pass

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, 169, 180 Background



This preview shows how black text looks on a background with the RYB color 200, 169, 180.



This preview shows how white text looks on a background with the RYB color 200, 169, 180.

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, 169, 180

Protanopia
178, 176, 184

Deuteranopia
193, 172, 179



Tritanopia
200, 169, 182

Trichromacy



Original Color
200, 169, 180

Protanomaly
186, 173, 183

Deuteranomaly
196, 171, 179

Tritanomaly
200, 169, 181

Monochromacy



Original Color
200, 169, 180

Achromatopsia
180, 180, 180

Achromatomaly
187, 176, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 169, 180 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, 169, 180) looks like.

```
.text, #text, p{  
    color:rgb(200, 169, 180)  
}
```

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, 169, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 169, 180) }
```

Border

The CSS property to change the border of an element to RYB 200, 169, 180 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, 169, 180) }
```

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

```
.border{ border-color:rgb(200, 169, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 169, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 169, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 169, 180);  
box-shadow:4px 4px 4px 4px rgb(200, 169,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 200, 169, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 169, 180) }
```

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

```
.background{ background-color: rgb(200,  
169, 180) }
```

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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