

Converting Colors

`RYB(209, 183, 195)`

Have a look what the booklet for RYB(209, 183, 195) contains.

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Color

$\text{RYB}(209, 183, 195)$

Conversions

Conversions Part 1

Format	Color
Hex	D1B7C3
RGB	209, 183, 195
RGB Percent	82%, 72%, 76%
CMY	0.1804, 0.2824, 0.2353
CMYK	0.00, 0.12, 0.07, 0.18
HSL	332°, 22%, 77%
HSV	332°, 12%, 82%
XYZ	53.0783, 51.3624, 58.7462
YIQ	192.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

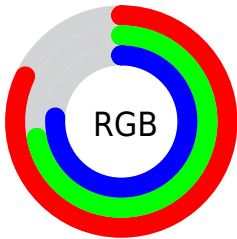
Format	Color
R _Y B	209, 183, 195
Decimal	13744067
CIE Lab	76.90, 11.32, -2.65
CIE LCh	77, 11.629, 346.832
Yxy	51.3624, 0.3253, 0.3147
Android (android.graphics.Color)	4291934147 (0xFFD1B7C3)
YUV	192.1420, 1.4090, 14.7845
Hunter-Lab	71.6676, 6.7821, 1.5671

Details

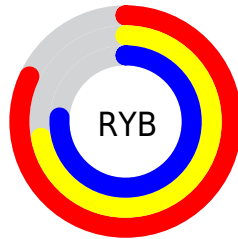
The RYB color **209, 183, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 200, 209**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 239, 252**, and **154, 130, 141** is the 20% darker color. If you saturate the color by 10%, you get **209, 162, 184**, and if you desaturate by 10%, it is **209, 204, 206**.

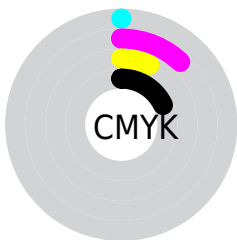
Distribution



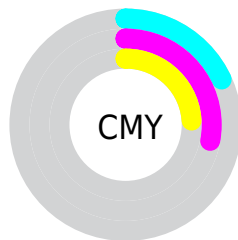
- Red (82%)
- Green (72%)
- Blue (76%)



- Red (82%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 183, 195 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 209, 183, 195 by changing the saturation by 10% instead.

 209, 183, 195

 209, 183, 195

255, 255, 255

 181, 156, 168

 255, 239, 252

 154, 130, 141

 128, 105, 116

 103, 81, 91

 79, 58, 68

 56, 36, 46

 34, 15, 25

 0, 0, 0

 209, 183, 195

 209, 183, 195

209, 162, 184

209, 204, 206

209, 141, 172

209, 219, 225

209, 120, 161

209, 233, 246

209, 99, 150

209, 236, 255

209, 79, 139

209, 233, 255

209, 58, 127

209, 232, 255

209, 37, 116

209, 16, 105

209, 0, 96

Harmonies

Analogous

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



199, 185, 205



209, 183, 195



213, 183, 184

Triad

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



209, 183, 195



170, 192, 169



165, 182, 205

Complementary

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



209, 183, 195



183, 200, 209

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.



163, 180, 196



209, 183, 195



175, 194, 189

Square

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



209, 183, 195



199, 203, 169



169, 186, 196



173, 186, 210

Rectangle

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



209, 183, 195



212, 186, 177



169, 186, 196



163, 181, 202

Sweetspot

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



209, 183, 195



255, 245, 250



197, 183, 209



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



209, 183, 195



255, 217, 234



209, 184, 183



105, 94, 99



168, 0, 78



41, 0, 19

Inverse Universe

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



209, 183, 195



255, 217, 234



183, 196, 209



105, 94, 99



168, 0, 78



41, 0, 19

Previews

White Background



This preview shows how the RYB color 209, 183, 195 looks on a white background.

Color Contrast Check

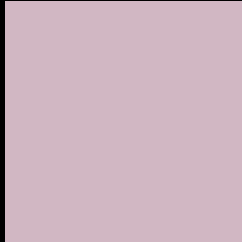
Large Text (above 18pt) WCAG AA × Fail

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 209, 183, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

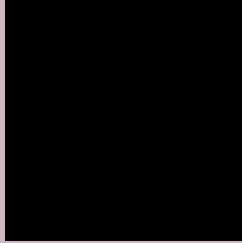
Any Text WCAG AA ✓ Pass

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 209, 183, 195 Background



This preview shows how black text looks on a background with the RYB color 209, 183, 195.



This preview shows how white text looks on a background with the RYB color 209, 183, 195.

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
209, 183, 195

Protanopia
191, 189, 198

Deuteranopia
206, 184, 195



Tritanopia
209, 183, 197

Trichromacy



Original Color

209, 183, 195

Protanomaly

198, 187, 197

Deuteranomaly

207, 184, 195

Tritanomaly

209, 183, 196

Monochromacy



Original Color

209, 183, 195

Achromatopsia

192, 192, 192

Achromatomaly

198, 189, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 183, 195 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(209, 183, 195) looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 195)  
}
```

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(209, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 195) }
```

Border

The CSS property to change the border of an element to RYB 209, 183, 195 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(209, 183, 195) }
```

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

```
.border{ border-color:rgb(209, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 183,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 209, 183, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 195) }
```

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

```
.background{ background-color: rgb(209,  
183, 195) }
```

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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