

Converting Colors

`RYB(200, 195, 202)`

Have a look what the booklet for RYB(200, 195, 202) contains.

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Color

R_YB(200, 195, 202)

Conversions

Conversions Part 1

Format	Color
Hex	C8C3CA
RGB	200, 195, 202
RGB Percent	78%, 76%, 79%
CMY	0.2157, 0.2353, 0.2078
CMYK	0.01, 0.03, 0.00, 0.21
HSL	283°, 6%, 78%
HSV	283°, 3%, 79%
XYZ	53.9952, 55.5738, 63.7581
YIQ	197.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

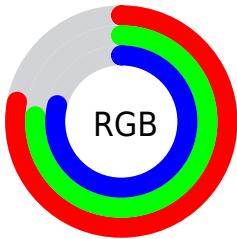
Format	Color
R _{YB}	200, 195, 202
Decimal	13157322
CIE Lab	79.37, 3.02, -2.89
CIE LCh	79, 4.183, 316.283
Yxy	55.5738, 0.3115, 0.3206
Android (android.graphics.Color)	4291347402 (0xFFC8C3CA)
YUV	197.2930, 2.3206, 2.3740
Hunter-Lab	74.5479, -1.1708, 1.4749

Details

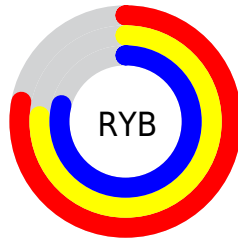
The RYB color **200, 195, 202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 202, 200**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is 255, 252, 255, and **146, 141, 148** is the 20% darker color. If you saturate the color by 10%, you get **194, 175, 202**, and if you desaturate by 10%, it is **202, 215, 211**.

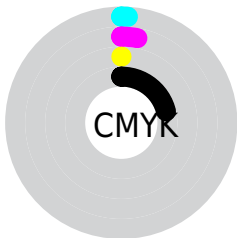
Distribution



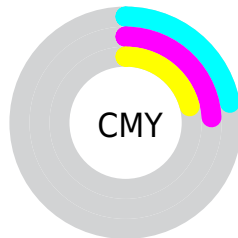
- Red (78%)
- Green (76%)
- Blue (79%)



- Red (78%)
- Yellow (76%)
- Blue (79%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 195, 202 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, 195, 202 by changing the saturation by 10% instead.

■ 200, 195, 202

255, 255, 255

■ 255, 252, 255

■ 200, 195, 202

■ 173, 168, 175

■ 146, 141, 148

■ 120, 116, 122

■ 96, 91, 97

■ 72, 68, 74

■ 50, 46, 51

■ 29, 25, 30

■ 0, 0, 4

■ 0, 0, 0

■ 200, 195, 202

■ 200, 195, 202

■ 194, 175, 202

■ 202, 215, 211

■ 188, 155, 202

■ 202, 235, 225

■ 183, 134, 202

■ 202, 255, 240

■ 177, 114, 202

■ 202, 255, 234

■ 171, 94, 202

■ 202, 255, 228

■ 165, 74, 202

■ 202, 255, 222

■ 160, 54, 202

■ 202, 255, 217

■ 154, 33, 202

■ 202, 255, 211

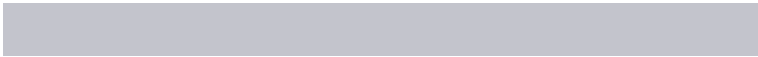
■ 148, 13, 202

■ 202, 255, 205

Harmonies

Analogous

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



195, 196, 204



200, 195, 202



204, 194, 199

Triad

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



200, 195, 202



200, 202, 189



187, 193, 199

Complementary

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



200, 195, 202



195, 202, 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.



189, 195, 199



200, 195, 202



190, 198, 189

Square

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



200, 195, 202



205, 197, 191



191, 198, 196



188, 194, 202

Rectangle

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



200, 195, 202



205, 194, 196



191, 198, 196



188, 194, 199

Sweetspot

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



200, 195, 202



254, 252, 255



195, 197, 202



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 195, 202



252, 245, 255



202, 195, 201



101, 97, 102



118, 0, 166



27, 0, 38

Inverse Universe

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



202, 195, 197



255, 245, 248



195, 201, 202



102, 97, 98



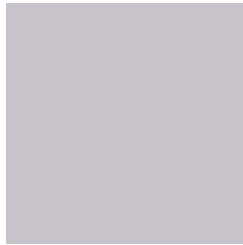
166, 0, 47



38, 0, 11

Previews

White Background



This preview shows how the RYB color 200, 195, 202 looks on a white background.

Color Contrast Check

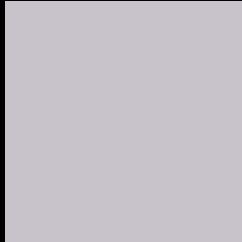
Large Text (above 18pt) WCAG AA × Fail

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, 195, 202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

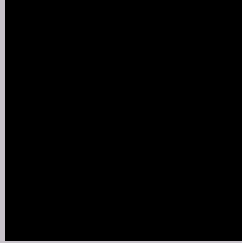
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

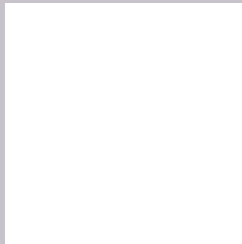
Any Text WCAG AAA ✓ Pass

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

RYP 200, 195, 202 Background



This preview shows how black text looks on a background with the RYB color 200, 195, 202.

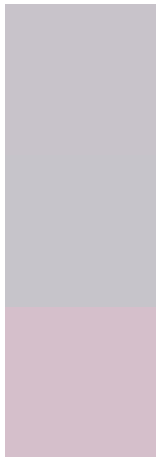


This preview shows how white text looks on a background with the RYB color 200, 195, 202.

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](#), [195](#), [202](#)

Protanopia
[198](#), [196](#), [202](#)

Deuteranopia
[213](#), [191](#), [203](#)



Tritanopia
201, 194, 209

Trichromacy



Original Color

200, 195, 202

Protanomaly

199, 196, 202

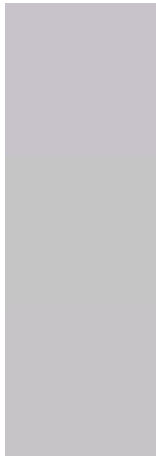
Deuteranomaly

208, 192, 203

Tritanomaly

201, 194, 206

Monochromacy



Original Color

200, 195, 202

Achromatopsia

197, 197, 197

Achromatomaly

198, 196, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 195, 202 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, 195, 202) looks like.

```
.text, #text, p{  
    color:rgb(200, 195, 202)  
}
```

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, 195, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 195, 202) }
```

Border

The CSS property to change the border of an element to RYB 200, 195, 202 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, 195, 202) }
```

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

```
.border{ border-color:rgb(200, 195, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 195, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 195, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 195, 202);  
box-shadow:4px 4px 4px 4px rgb(200, 195,  
202) }
```

Background

The CSS property to change the background color of an element to RYB 200, 195, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 195, 202) }
```

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

```
.background{ background-color: rgb(200,  
195, 202) }
```

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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