

Converting Colors

`RYB(210, 197, 208)`

Have a look what the booklet for
RYB(210, 197, 208) contains.

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Color

R_YB(210, 197, 208)

Conversions

Conversions Part 1

Format	Color
Hex	D2C5D0
RGB	210, 197, 208
RGB Percent	82%, 77%, 82%
CMY	0.1765, 0.2275, 0.1843
CMYK	0.00, 0.06, 0.01, 0.18
HSL	309°, 13%, 80%
HSV	309°, 6%, 82%
XYZ	57.9298, 58.1882, 67.8527
YIQ	202.1410, 4.2170, 6.1770

Conversions

Conversions Part 2

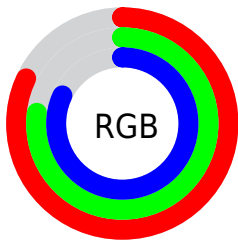
Format	Color
R_{YB}	210, 197, 208
Decimal	13813200
CIE _{Lab}	80.84, 6.50, -3.86
CIE _{LCh}	81, 7.559, 329.296
Yxy	58.1882, 0.3149, 0.3163
Android (android.graphics.Color)	4292003280 (0xFFD2C5D0)
YUV	202.1410, 2.8885, 6.8923
Hunter-Lab	76.2812, 2.0651, 0.6579

Details

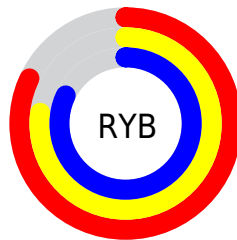
The RYB color **210, 197, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **197, 208, 210**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is 255, 254, 255, and **156, 143, 154** is the 20% darker color. If you saturate the color by 10%, you get **210, 176, 205**, and if you desaturate by 10%, it is **210, 217, 218**.

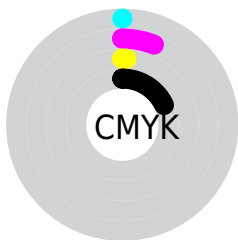
Distribution



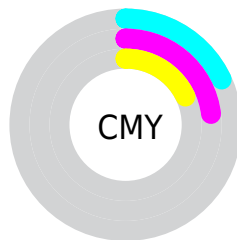
- Red (82%)
- Green (77%)
- Blue (82%)



- Red (82%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 197, 208 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 210, 197, 208 by changing the saturation by 10% instead.

■ 210, 197, 208

255, 255, 255

255, 254, 255

■ 210, 197, 208

■ 182, 170, 180

■ 156, 143, 154

■ 129, 118, 128

■ 104, 93, 103


■ 80, 69, 79


■ 57, 47, 56


■ 36, 26, 34

■ 15, 0, 13


■ 0, 0, 0

 210, 197, 208


 210, 197, 208

 210, 176, 205


 210, 217, 218

 210, 155, 202

 210, 235, 239

 210, 134, 198


 210, 248, 255

 210, 113, 195


 210, 246, 255

 210, 92, 192


 210, 244, 255

 210, 71, 189

 210, 243, 255

 210, 50, 185

 210, 241, 255

 210, 29, 182

 210, 239, 255

 210, 8, 179

 210, 238, 255

Harmonies

Analogous

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



202, 199, 213



210, 197, 208



215, 196, 201

Triad

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



210, 197, 208



198, 207, 187



184, 195, 207

Complementary

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



210, 197, 208



197, 208, 210

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.



185, 196, 205



210, 197, 208



188, 202, 191

Square

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



210, 197, 208



213, 203, 189



191, 202, 204



187, 197, 213

Rectangle

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



210, 197, 208



216, 196, 196



191, 202, 204



184, 195, 205

Sweetspot

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



210, 197, 208



255, 250, 254



199, 197, 210



128, 125, 127



0, 0, 0



128, 128, 128

Same Dimension

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



210, 197, 208



255, 237, 252



210, 197, 202



105, 96, 103



168, 0, 142



41, 0, 35

Inverse Universe

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



210, 197, 208



255, 237, 252



197, 205, 210



105, 96, 103



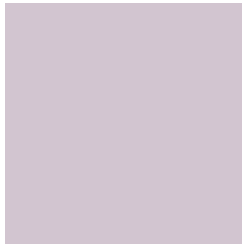
168, 0, 142



41, 0, 35

Previews

White Background



This preview shows how the RYB color 210, 197, 208 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 210, 197, 208 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

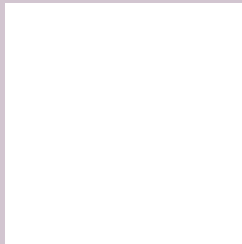
Any Text WCAG AAA ✓ Pass

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

R/Y/B 210, 197, 208 Background



This preview shows how black text looks on a background with the R/Y/B color 210, 197, 208.



This preview shows how white text looks on a background with the R/Y/B color 210, 197, 208.

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
210, 197, 208

Protanopia
202, 200, 210

Deuteranopia
217, 195, 208



Tritanopia
211, 196, 212

Trichromacy



Original Color

210, 197, 208

Protanomaly

205, 199, 209

Deuteranomaly

214, 196, 208

Tritanomaly

211, 196, 211

Monochromacy



Original Color

210, 197, 208

Achromatopsia

202, 202, 202

Achromatomaly

205, 200, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 197, 208 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(210, 197, 208) looks like.

```
.text, #text, p{  
    color:rgb(210, 197, 208)  
}
```

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(210, 197, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 197, 208) }
```

Border

The CSS property to change the border of an element to RYB 210, 197, 208 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(210, 197, 208) }
```

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

```
.border{ border-color:rgb(210, 197, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 197, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 197, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 197, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 197,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 210, 197, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 197, 208) }
```

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

```
.background{ background-color: rgb(210,  
197, 208) }
```

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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