

Converting Colors

`RYB(208, 193, 198)`

Have a look what the booklet for
RYB(208, 193, 198) contains.

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Color

R_YB(208, 193, 198)

Conversions

Conversions Part 1

Format	Color
Hex	D0C1C6
RGB	208, 193, 198
RGB Percent	82%, 76%, 78%
CMY	0.1843, 0.2431, 0.2235
CMYK	0.00, 0.07, 0.05, 0.18
HSL	340°, 14%, 79%
HSV	340°, 7%, 82%
XYZ	55.2754, 55.6270, 61.2498
YIQ	198.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

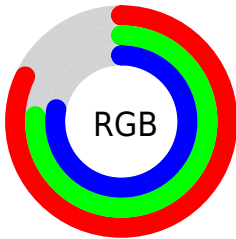
Format	Color
R _Y B	208, 193, 198
Decimal	13681094
CIE Lab	79.40, 6.14, -0.61
CIE LCh	79, 6.170, 354.283
Yxy	55.6270, 0.3211, 0.3231
Android (android.graphics.Color)	4291871174 (0xFFD0C1C6)
YUV	198.0550, -0.0271, 8.7218
Hunter-Lab	74.5835, 1.7689, 3.5181

Details

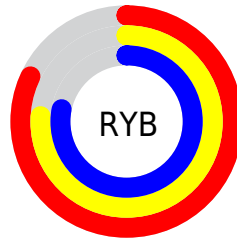
The RYB color **208, 193, 198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 202, 208**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is 255, 249, 255, and **154, 140, 144** is the 20% darker color. If you saturate the color by 10%, you get **208, 172, 184**, and if you desaturate by 10%, it is **208, 212, 214**.

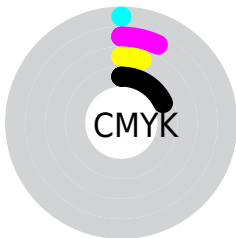
Distribution



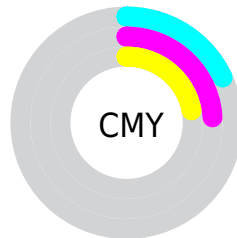
- Red (82%)
- Green (76%)
- Blue (78%)



- Red (82%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 193, 198 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 208, 193, 198 by changing the saturation by 10% instead.


 208, 193, 198

 208, 193, 198

255, 255, 255

 180, 166, 171

 255, 249, 255

 154, 140, 144

 128, 114, 119

 103, 90, 94

 78, 66, 70

 56, 44, 48


 34, 23, 27

 9, 0, 0

 0, 0, 0

 208, 193, 198

 208, 193, 198

 208, 172, 184


 208, 212, 214

 208, 151, 170

 208, 224, 235

 208, 131, 156


 208, 236, 255

 208, 110, 143

 208, 232, 255

 208, 89, 129

 208, 232, 255

 208, 68, 115

 208, 47, 101

 208, 27, 87

 208, 6, 73

Harmonies

Analogous

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



203, 194, 203



208, 193, 198



210, 193, 192

Triad

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



208, 193, 198



186, 198, 188



185, 193, 206

Complementary

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



208, 193, 198



193, 202, 208

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.



183, 192, 201



208, 193, 198



190, 199, 199

Square

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



208, 193, 198



196, 203, 185



185, 194, 200



190, 196, 208

Rectangle

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



208, 193, 198



209, 196, 189



185, 194, 200



184, 193, 204

Sweetspot

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



208, 193, 198



255, 250, 252



203, 193, 208



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



208, 193, 198



255, 232, 240



208, 195, 193



105, 94, 98



168, 0, 56



41, 0, 14

Inverse Universe

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



208, 193, 198



255, 232, 240



193, 200, 208



105, 94, 98



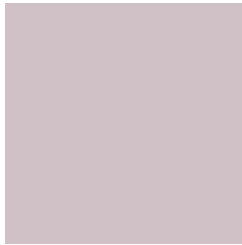
168, 0, 56



41, 0, 14

Previews

White Background



This preview shows how the RYB color 208, 193, 198 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 208, 193, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

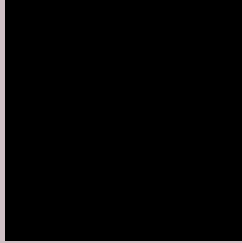
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

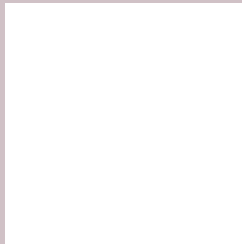
Any Text WCAG AAA ✓ Pass

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

R/Y/B 208, 193, 198 Background



This preview shows how black text looks on a background with the R/Y/B color 208, 193, 198.



This preview shows how white text looks on a background with the R/Y/B color 208, 193, 198.

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
208, 193, 198

Protanopia
199, 196, 200

Deuteranopia
215, 191, 198



Tritanopia
209, 192, 207

Trichromacy



Original Color

208, 193, 198

Protanomaly

202, 195, 199

Deuteranomaly

212, 192, 198

Tritanomaly

209, 192, 204

Monochromacy



Original Color

208, 193, 198

Achromatopsia

198, 198, 198

Achromatomaly

202, 196, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 193, 198 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(208, 193, 198) looks like.

```
.text, #text, p{  
    color:rgb(208, 193, 198)  
}
```

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(208, 193, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 193, 198) }
```

Border

The CSS property to change the border of an element to RYB 208, 193, 198 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(208, 193, 198) }
```

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

```
.border{ border-color:rgb(208, 193, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 193, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 193, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 193, 198);  
box-shadow:4px 4px 4px 4px rgb(208, 193,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 208, 193, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 193, 198) }
```

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

```
.background{ background-color: rgb(208,  
193, 198) }
```

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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