

Converting Colors

`RYB(198, 180, 193)`

Have a look what the booklet for RYB(198, 180, 193) contains.

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Color

R_YB(198, 180, 193)

Conversions

Conversions Part 1

Format	Color
Hex	C6B4C1
RGB	198, 180, 193
RGB Percent	78%, 71%, 76%
CMY	0.2235, 0.2941, 0.2431
CMYK	0.00, 0.09, 0.03, 0.22
HSL	317°, 14%, 74%
HSV	317°, 9%, 78%
XYZ	49.2356, 48.4985, 57.2182
YIQ	186.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

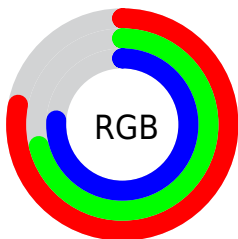
Format	Color
R_{YB}	198, 180, 193
Decimal	13022401
CIE Lab	75.14, 8.72, -4.26
CIE LCh	75, 9.707, 333.973
Yxy	48.4985, 0.3177, 0.3130
Android (android.graphics.Color)	4291212481 (0xFFC6B4C1)
YUV	186.8640, 3.0250, 9.7663
Hunter-Lab	69.6409, 4.3266, 0.0349

Details

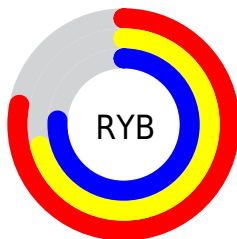
The RYB color **198, 180, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 194, 198**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 236, 249**, and **144, 127, 140** is the 20% darker color. If you saturate the color by 10%, you get **198, 160, 188**, and if you desaturate by 10%, it is **198, 199, 200**.

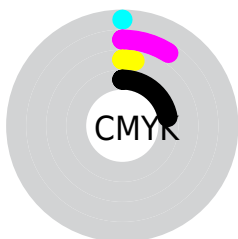
Distribution



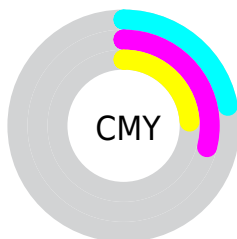
- Red (78%)
- Green (71%)
- Blue (76%)



- Red (78%)
- Yellow (71%)
- Blue (76%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 180, 193 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 198, 180, 193 by changing the saturation by 10% instead.


 198, 180, 193

255, 255, 255

 255, 236, 249

 198, 180, 193

 171, 153, 166

 144, 127, 140

 118, 102, 114

 94, 78, 90

 70, 55, 66

 48, 34, 44

 27, 12, 24


 0, 0, 0

 198, 180, 193

 198, 180, 193

 198, 160, 188

 198, 199, 200

 198, 140, 182


 198, 215, 220

 198, 121, 177

 198, 230, 239

 198, 101, 171

 198, 242, 255

 198, 81, 166


 198, 239, 255

 198, 61, 160

 198, 236, 255

 198, 41, 155

 198, 234, 255

 198, 22, 149

 198, 232, 255

 198, 2, 144

 198, 230, 255

Harmonies

Analogous

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



188, 182, 200



198, 180, 193



204, 179, 184

Triad

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



198, 180, 193



175, 191, 167



163, 178, 195

Complementary

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



198, 180, 193



180, 194, 198

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.



165, 179, 190



198, 180, 193



170, 188, 177

Square

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



198, 180, 193



200, 191, 169



171, 185, 190



168, 180, 201

Rectangle

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



198, 180, 193



205, 179, 178



171, 185, 190



163, 177, 192

Sweetspot

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



198, 180, 193



255, 247, 253



185, 180, 198



128, 122, 126



0, 0, 0



128, 128, 128

Same Dimension

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



198, 180, 193



255, 227, 247



198, 180, 184



99, 90, 97



163, 0, 118



36, 0, 26

Inverse Universe

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



198, 180, 193



255, 227, 247



180, 190, 198



99, 90, 97



163, 0, 118



36, 0, 26

Previews

White Background



This preview shows how the RYB color 198, 180, 193 looks on a white background.

Color Contrast Check

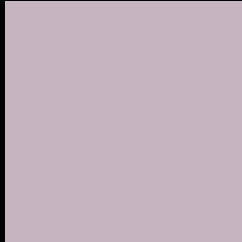
Large Text (above 18pt) WCAG AA × Fail

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 198, 180, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

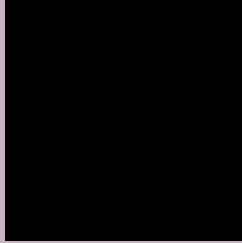
Any Text WCAG AA ✓ Pass

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 198, 180, 193 Background



This preview shows how black text looks on a background with the R Y B color 198, 180, 193.



This preview shows how white text looks on a background with the R Y B color 198, 180, 193.

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
198, 180, 193

Protanopia
185, 184, 195

Deuteranopia
199, 180, 193



Tritanopia

198, 180, 194

Trichromacy



Original Color

198, 180, 193

Protanomaly

190, 183, 194

Deuteranomaly

199, 180, 193

Tritanomaly

198, 180, 194

Monochromacy



Original Color

198, 180, 193

Achromatopsia

187, 187, 187

Achromatomaly

191, 184, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 180, 193 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(198, 180, 193) looks like.

```
.text, #text, p{  
    color:rgb(198, 180, 193)  
}
```

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(198, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 180, 193) }
```

Border

The CSS property to change the border of an element to RYB 198, 180, 193 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(198, 180, 193) }
```

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

```
.border{ border-color:rgb(198, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 180, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 180, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 180,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 198, 180, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 180, 193) }
```

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

```
.background{ background-color: rgb(198,  
180, 193) }
```

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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