

Converting Colors

`RYB(178, 187, 193)`

Have a look what the booklet for
RYB(178, 187, 193) contains.

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Color

R_YB(178, 187, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B2C1BC
RGB	178, 193, 188
RGB Percent	70%, 76%, 74%
CMY	0.3020, 0.2431, 0.2627
CMYK	0.08, 0.00, 0.03, 0.24
HSL	160°, 11%, 73%
HSV	160°, 8%, 76%
XYZ	46.5072, 51.2357, 55.0153
YIQ	187.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

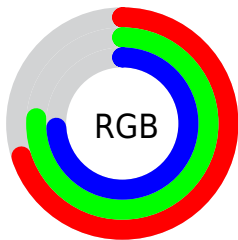
Format	Color
RYB	178, 187, 193
Decimal	11715004
CIELab	76.82, -6.09, 0.74
CIElCh	77, 6.137, 173.061
Yxy	51.2357, 0.3044, 0.3354
Android (android.graphics.Color)	4289905084 (0xFFB2C1BC)
YUV	187.9450, 0.0271, -8.7218
Hunter-Lab	71.5791, -9.2866, 4.5355

Details

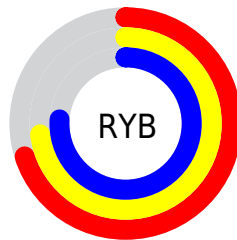
The RYB color **178, 187, 193** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **193, 178, 183**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **234, 243, 249**, and **125, 134, 140** is the 20% darker color. If you saturate the color by 10%, you get **159, 179, 193**, and if you desaturate by 10%, it is **197, 193, 194**.

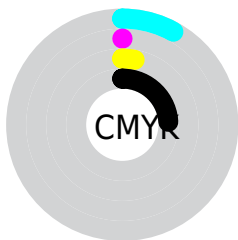
Distribution



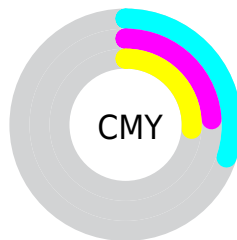
- Red (70%)
- Green (76%)
- Blue (74%)



- Red (70%)
- Yellow (73%)
- Blue (76%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (30%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 187, 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 178, 187, 193 by changing the saturation by 10% instead.

■ 178, 187, 193

255, 255, 255

■ 234, 243, 249

■ 178, 187, 193

■ 151, 160, 166

■ 125, 134, 140

■ 100, 108, 114

■ 76, 85, 90

■ 54, 61, 66

■ 32, 39, 44

■ 10, 18, 24

■ 0, 0, 0

■ 178, 187, 193


■ 178, 187, 193

 159, 179, 193


 197, 193, 194

 139, 171, 193


 217, 193, 201

 120, 164, 193


 236, 193, 207

 101, 156, 193


 255, 193, 214

 82, 149, 193


 255, 193, 220

 62, 141, 193

 255, 193, 227

 43, 133, 193

 255, 193, 233

 24, 125, 193

 255, 193, 239

 4, 117, 193

 255, 193, 246

Harmonies

Analogous

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



183, 192, 192



178, 187, 193



176, 185, 194

Triad

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



178, 187, 193



189, 189, 200



201, 190, 181

Complementary

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



178, 187, 193



193, 178, 183

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.



202, 186, 185



178, 187, 193



196, 187, 196

Square

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



178, 187, 193



182, 188, 201



201, 186, 191



189, 196, 178

Rectangle

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



178, 187, 193



177, 186, 197



201, 186, 191



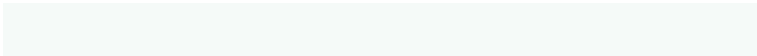
201, 189, 182

Sweetspot

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



178, 187, 193



245, 248, 250



178, 193, 188



122, 124, 125



252, 252, 252



125, 125, 125

Same Dimension

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



178, 187, 193



227, 241, 250



178, 185, 193



87, 93, 97



0, 97, 161



0, 20, 33

Inverse Universe

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



193, 178, 183



250, 227, 235



193, 180, 178



97, 87, 90



161, 0, 54



33, 0, 11

Previews

White Background



This preview shows how the RYB color 178, 187, 193 looks on a white background.

Color Contrast Check

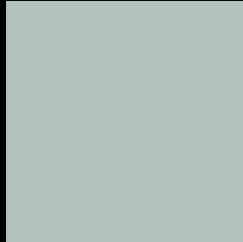
Large Text (above 18pt) WCAG AA × Fail

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 178, 187, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

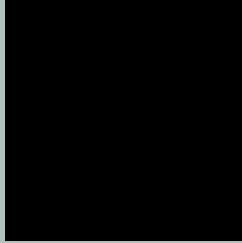
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

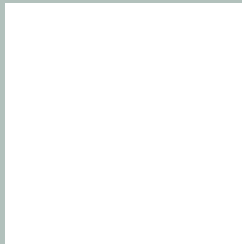
Any Text WCAG AAA ✓ Pass

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

RYB 178, 187, 193 Background



This preview shows how black text looks on a background with the RYB color 178, 187, 193.



This preview shows how white text looks on a background with the RYB color 178, 187, 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](#).

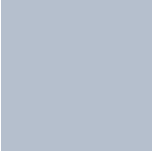
Dichromacy



Original Color
178, 187, 193

Protanopia
194, 192, 185

Deuteranopia
207, 183, 190



Tritanopia
181, 188, 205

Trichromacy



Original Color

178, 187, 193

Protanomaly

186, 190, 188

Deuteranomaly

196, 187, 189

Tritanomaly

180, 187, 199

Monochromacy



Original Color

178, 187, 193

Achromatopsia

188, 188, 188

Achromatomaly

184, 188, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 187, 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(178, 193, 188)` looks like.

```
.text, #text, p{  
    color:rgb(178, 193, 188)  
}
```

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(178, 193, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 193, 188) }
```

Border

The CSS property to change the border of an element to RYB 178, 187, 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(178, 193, 188) }
```

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

```
.border{ border-color:rgb(178, 193, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 193, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 193, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 193, 188);  
box-shadow:4px 4px 4px 4px rgb(178, 193,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 178, 187, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 193, 188) }
```

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

```
.background{ background-color: rgb(178,  
193, 188) }
```

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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