

Converting Colors

`RYB(178, 200, 185)`

Have a look what the booklet for
RYB(178, 200, 185) contains.

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Color

R_YB(178, 200, 185)

Conversions

Conversions Part 1

Format	Color
Hex	C1C8B2
RGB	193, 200, 178
RGB Percent	76%, 78%, 70%
CMY	0.2431, 0.2157, 0.3020
CMYK	0.04, 0.00, 0.11, 0.22
HSL	79°, 17%, 74%
HSV	79°, 11%, 78%
XYZ	50.6825, 55.8604, 50.2304
YIQ	195.3990, 2.8900, -8.3260

Conversions

Conversions Part 2

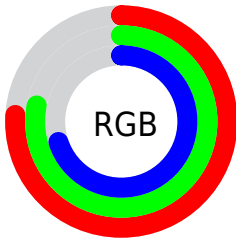
Format	Color
RYB	178, 200, 185
Decimal	12699826
CIELab	79.53, -6.33, 10.18
CIELCh	80, 11.985, 121.881
Yxy	55.8604, 0.3233, 0.3563
Android (android.graphics.Color)	4290889906 (0xFFC1C8B2)
YUV	195.3990, -8.5777, -2.1039
Hunter-Lab	74.7398, -9.7504, 12.4708

Details

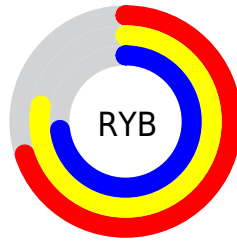
The RYB color **178, 200, 185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **185, 178, 200**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **234, 255, 240**, and **125, 146, 132** is the 20% darker color. If you saturate the color by 10%, you get **158, 200, 171**, and if you desaturate by 10%, it is **198, 200, 199**.

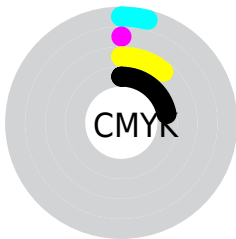
Distribution



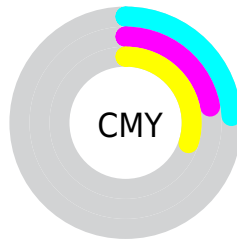
- Red (76%)
- Green (78%)
- Blue (70%)



- Red (70%)
- Yellow (78%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 200, 185 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, 200, 185 by changing the saturation by 10% instead.

 178, 200, 185

255, 255, 255

 234, 255, 240


 178, 200, 185

 151, 173, 158

 125, 146, 132

 100, 120, 106

 76, 96, 83

 54, 72, 60

 32, 50, 38

 10, 29, 15

 0, 0, 0

 178, 200, 185

 178, 200, 185

 158, 200, 171

 198, 200, 199

 138, 200, 158

 206, 200, 218

 118, 200, 144

 212, 200, 238

 98, 200, 130

 218, 200, 255

 78, 200, 117

 225, 200, 255

 58, 200, 103

 231, 200, 255

 38, 200, 90

 238, 200, 255

 18, 200, 76

 244, 200, 255

 0, 200, 64

 250, 200, 255

Harmonies

Analogous

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



190, 206, 175



178, 200, 185



181, 199, 203

Triad

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



178, 200, 185



175, 191, 216



220, 190, 197

Complementary

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



178, 200, 185



185, 178, 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.



213, 191, 208



178, 200, 185



186, 195, 219

Square

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



178, 200, 185



169, 187, 208



200, 194, 216



221, 191, 186

Rectangle

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



178, 200, 185



174, 192, 204



200, 194, 216



218, 190, 201

Sweetspot

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



178, 200, 185



247, 255, 249



200, 188, 178



122, 128, 124



0, 0, 0



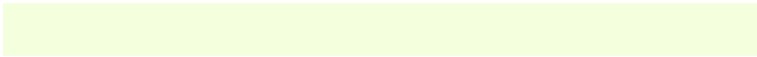
128, 128, 128

Same Dimension

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



178, 200, 185



222, 255, 233



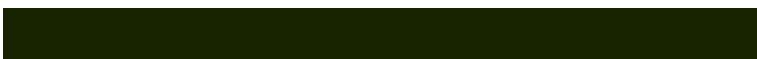
178, 200, 196



90, 99, 93



0, 163, 52



0, 36, 12

Inverse Universe

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



185, 178, 200



232, 222, 255



196, 178, 200



93, 90, 99



52, 0, 163



11, 0, 36

Previews

White Background



This preview shows how the RYB color 178, 200, 185 looks on a white background.

Color Contrast Check

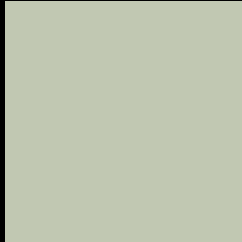
Large Text (above 18pt) WCAG AA × Fail

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, 200, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

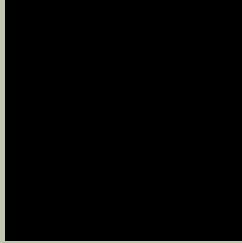
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

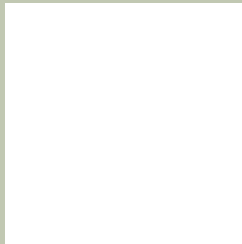
Any Text WCAG AAA ✓ Pass

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

RYB 178, 200, 185 Background



This preview shows how black text looks on a background with the RYB color 178, 200, 185.



This preview shows how white text looks on a background with the RYB color 178, 200, 185.

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, 200, 185

Protanopia
189, 205, 176

Deuteranopia
222, 193, 180



Tritanopia
198, 195, 211

Trichromacy



Original Color

178, 200, 185

Protanomaly

182, 201, 177

Deuteranomaly

211, 207, 179

Tritanomaly

196, 197, 199

Monochromacy



Original Color

178, 200, 185

Achromatopsia

195, 195, 195

Achromatomaly

189, 197, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 200, 185 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(193, 200, 178)` looks like.

```
.text, #text, p{  
    color:rgb(193, 200, 178)  
}
```

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(193, 200, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 200, 178) }
```

Border

The CSS property to change the border of an element to RYB 178, 200, 185 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(193, 200, 178) }
```

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

```
.border{ border-color:rgb(193, 200, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 200, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 200, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 200, 178); box-shadow:4px 4px 4px 4px rgb(193, 200, 178) }
```

Background

The CSS property to change the background color of an element to RYB 178, 200, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 200, 178) }
```

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

```
.background{ background-color: rgb(193,  
200, 178) }
```

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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