

Converting Colors

`RYB(188, 175, 189)`

Have a look what the booklet for
RYB(188, 175, 189) contains.

RYB(188, 175, 189)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(188, 175, 189)$

Conversions

Conversions Part 1

Format	Color
Hex	BCAFBD
RGB	188, 175, 189
RGB Percent	74%, 69%, 74%
CMY	0.2627, 0.3137, 0.2588
CMYK	0.01, 0.07, 0.00, 0.26
HSL	296°, 10%, 71%
HSV	296°, 7%, 74%
XYZ	45.2543, 45.0254, 54.4497
YIQ	180.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

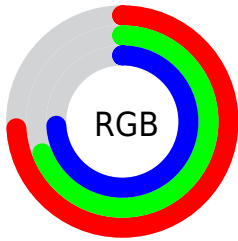
Format	Color
RYB	188, 175, 189
Decimal	12365757
CIELab	72.91, 7.20, -5.46
CIELCh	73, 9.038, 322.853
Yxy	45.0254, 0.3127, 0.3111
Android (android.graphics.Color)	4290555837 (0xFFBCAFBD)
YUV	180.4830, 4.1989, 6.5924
Hunter-Lab	67.1010, 2.9574, -1.1407

Details

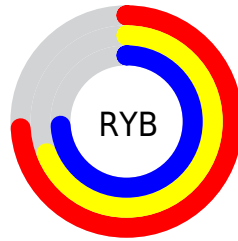
The RYB color **188, 175, 189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 189, 188**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **244, 231, 245**, and **135, 123, 136** is the 20% darker color. If you saturate the color by 10%, you get **187, 156, 189**, and if you desaturate by 10%, it is **189, 194, 194**.

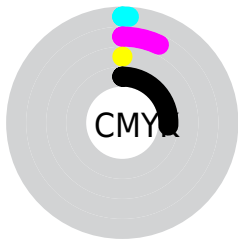
Distribution



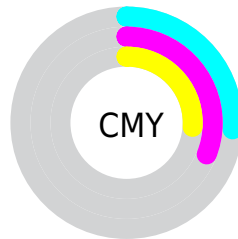
- Red (74%)
- Green (69%)
- Blue (74%)



- Red (74%)
- Yellow (69%)
- Blue (74%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the RYB color 188, 175, 189 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 188, 175, 189 by changing the saturation by 10% instead.

 188, 175, 189

 188, 175, 189


255, 255, 255


 161, 148, 162

 244, 231, 245

 135, 123, 136

 109, 98, 110


 85, 74, 86


 62, 51, 63


 40, 30, 41

 20, 6, 21

 0, 0, 0

 188, 175, 189


 188, 175, 189

 187, 156, 189


 189, 194, 194

 185, 137, 189


 189, 213, 211

 184, 118, 189


 189, 232, 229

 183, 99, 189

 189, 251, 247

 181, 81, 189

 189, 255, 249

 180, 62, 189

 189, 255, 248

 179, 43, 189

 189, 255, 247

 177, 24, 189

 189, 255, 245

 176, 5, 189

 189, 255, 244

Harmonies

Analogous

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



178, 177, 194



188, 175, 189



195, 174, 181

Triad

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



188, 175, 189



180, 188, 163



159, 172, 185

Complementary

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



188, 175, 189



175, 189, 188

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.



162, 175, 184



188, 175, 189



164, 180, 165

Square

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



188, 175, 189



195, 179, 166



169, 183, 183



161, 174, 192

Rectangle

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



188, 175, 189



197, 173, 176



169, 183, 183



159, 172, 184

Sweetspot

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



188, 175, 189



244, 240, 245



175, 176, 189



122, 120, 122



250, 250, 250



122, 122, 122

Same Dimension

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



188, 175, 189



243, 223, 245



189, 175, 183



94, 85, 94



147, 0, 158



28, 0, 31

Inverse Universe

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



189, 175, 176



245, 223, 224



175, 185, 189



94, 85, 86



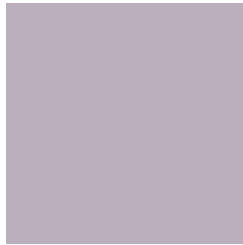
158, 0, 11



31, 0, 2

Previews

White Background



This preview shows how the RYB color 188, 175, 189 looks on a white background.

Color Contrast Check

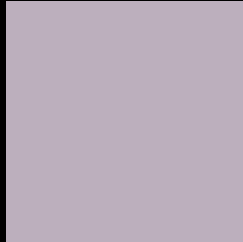
Large Text (above 18pt) WCAG AA × Fail

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 188, 175, 189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

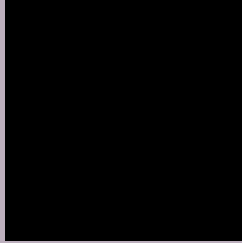
Any Text WCAG AA ✓ Pass

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 188, 175, 189 Background



This preview shows how black text looks on a background with the R/Y/B color 188, 175, 189.



This preview shows how white text looks on a background with the R/Y/B color 188, 175, 189.

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
188, 175, 189

Protanopia
179, 178, 191

Deuteranopia
192, 174, 189



Tritanopia
188, 175, 189

Trichromacy



Original Color

188, 175, 189

Protanomaly

182, 177, 190

Deuteranomaly

191, 174, 189

Tritanomaly

188, 175, 189

Monochromacy



Original Color

188, 175, 189

Achromatopsia

180, 180, 180

Achromatomaly

183, 178, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 175, 189 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(188, 175, 189) looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 189)  
}
```

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(188, 175, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 189) }
```

Border

The CSS property to change the border of an element to RYB 188, 175, 189 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(188, 175, 189) }
```

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

```
.border{ border-color:rgb(188, 175, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 175, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
189) }
```

Background

The CSS property to change the background color of an element to RYB 188, 175, 189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 189) }
```

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

```
.background{ background-color: rgb(188,  
175, 189) }
```

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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