

Converting Colors

`RYB(188, 181, 210)`

Have a look what the booklet for
RYB(188, 181, 210) contains.

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Color

R_YB(188, 181, 210)

Conversions

Conversions Part 1

Format	Color
Hex	BCB5D2
RGB	188, 181, 210
RGB Percent	74%, 71%, 82%
CMY	0.2627, 0.2902, 0.1765
CMYK	0.10, 0.14, 0.00, 0.18
HSL	254°, 24%, 77%
HSV	254°, 14%, 82%
XYZ	48.8958, 48.3923, 67.7363
YIQ	186.3990, -5.1370, 10.5030

Conversions

Conversions Part 2

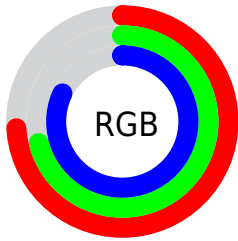
Format	Color
R _Y B	188, 181, 210
Decimal	12367314
CIE Lab	75.07, 8.08, -13.71
CIE LCh	75, 15.918, 300.519
Yxy	48.3923, 0.2963, 0.2932
Android (android.graphics.Color)	4290557394 (0xFFBCB5D2)
YUV	186.3990, 11.6353, 1.4041
Hunter-Lab	69.5645, 3.7268, -9.0366

Details

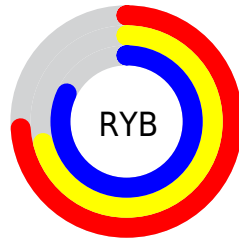
The RYB color **188, 181, 210** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **181, 210, 188**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **244, 237, 255**, and **135, 128, 156** is the 20% darker color. If you saturate the color by 10%, you get **172, 160, 210**, and if you desaturate by 10%, it is **204, 202, 210**.

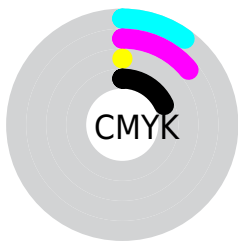
Distribution



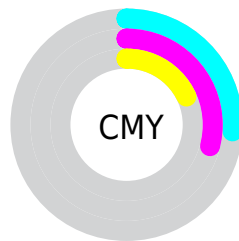
- Red (74%)
- Green (71%)
- Blue (82%)



- Red (74%)
- Yellow (71%)
- Blue (82%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 181, 210 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, 181, 210 by changing the saturation by 10% instead.

■ 188, 181, 210

255, 255, 255

■ 244, 237, 255

■ 188, 181, 210

■ 161, 154, 182

■ 135, 128, 156

■ 109, 103, 129

■ 85, 79, 104

■ 61, 56, 80

■ 39, 35, 57

■ 19, 13, 36

■ 0, 0, 13

■ 0, 0, 0

■ 188, 181, 210

■ 188, 181, 210

■ 172, 160, 210

■ 204, 202, 210

■ 156, 139, 210

■ 210, 223, 213

■ 140, 118, 210

■ 210, 244, 218

■ 124, 97, 210

■ 210, 255, 213

■ 108, 76, 210

■ 210, 255, 210

■ 92, 55, 210

■ 76, 34, 210

■ 61, 13, 210

■ 51, 0, 210

Harmonies

Analogous

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



169, 181, 214



188, 181, 210



204, 177, 199

Triad

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



188, 181, 210



209, 191, 160



151, 174, 193

Complementary

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



188, 181, 210



181, 210, 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.



164, 187, 192



188, 181, 210



173, 196, 156

Square

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



188, 181, 210



216, 177, 171



159, 188, 167



147, 171, 199

Rectangle

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



188, 181, 210



212, 175, 190



159, 188, 167



154, 178, 193

Sweetspot

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



188, 181, 210



247, 245, 255



181, 194, 210



123, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 181, 210



222, 212, 255



202, 181, 210



97, 94, 105



41, 0, 168



10, 0, 41

Inverse Universe

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



210, 181, 203



255, 212, 245



181, 210, 202



105, 94, 102



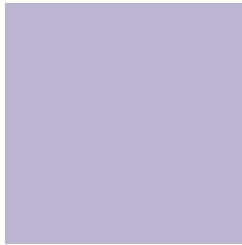
168, 0, 128



41, 0, 31

Previews

White Background



This preview shows how the RYB color 188, 181, 210 looks on a white background.

Color Contrast Check

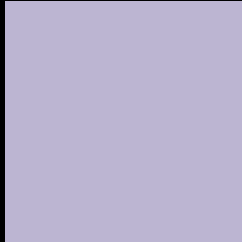
Large Text (above 18pt) WCAG AA × Fail

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, 181, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

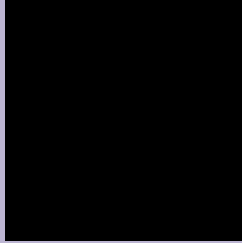
Any Text WCAG AA ✓ Pass

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 188, 181, 210 Background



This preview shows how black text looks on a background with the RYB color 188, 181, 210.



This preview shows how white text looks on a background with the RYB color 188, 181, 210.

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, 181, 210

Protanopia

180, 183, 212

Deuteranopia

191, 180, 210



Tritanopia
186, 183, 198

Trichromacy



Original Color
188, 181, 210

Protanomaly
183, 182, 211

Deuteranomaly
190, 180, 210

Tritanomaly
187, 182, 202

Monochromacy



Original Color
188, 181, 210

Achromatopsia
186, 186, 186

Achromatomaly
187, 184, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 181, 210 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, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(188, 181, 210)  
}
```

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, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 181, 210) }
```

Border

The CSS property to change the border of an element to RYB 188, 181, 210 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, 181, 210) }
```

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

```
.border{ border-color:rgb(188, 181, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 181, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 181, 210);  
box-shadow:4px 4px 4px 4px rgb(188, 181,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 188, 181, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 181, 210) }
```

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

```
.background{ background-color: rgb(188,  
181, 210) }
```

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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