

Converting Colors

`RYB(201, 181, 227)`

Have a look what the booklet for RYB(201, 181, 227) contains.

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Color

R_YB(201, 181, 227)

Conversions

Conversions Part 1

Format	Color
Hex	C9B5E3
RGB	201, 181, 227
RGB Percent	79%, 71%, 89%
CMY	0.2118, 0.2902, 0.1098
CMYK	0.11, 0.20, 0.00, 0.11
HSL	266°, 45%, 80%
HSV	266°, 20%, 89%
XYZ	54.4764, 51.0113, 79.6480
YIQ	192.2240, -2.8460, 18.5460

Conversions

Conversions Part 2

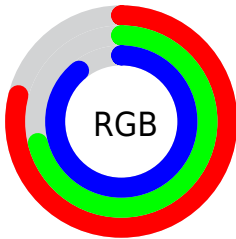
Format	Color
R _Y B	201, 181, 227
Decimal	13219299
CIE Lab	76.69, 15.82, -20.40
CIE LCh	77, 25.818, 307.794
Yxy	51.0113, 0.2943, 0.2755
Android (android.graphics.Color)	4291409379 (0xFFC9B5E3)
YUV	192.2240, 17.1446, 7.6966
Hunter-Lab	71.4222, 11.1598, -16.1230

Details

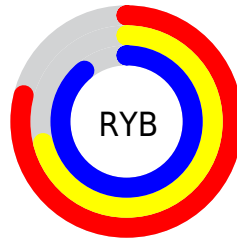
The RYB color **201, 181, 227** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **181, 227, 201**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 237, 255**, and **147, 128, 172** is the 20% darker color. If you saturate the color by 10%, you get **188, 158, 227**, and if you desaturate by 10%, it is **214, 204, 227**.

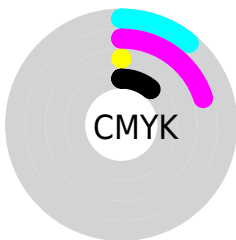
Distribution



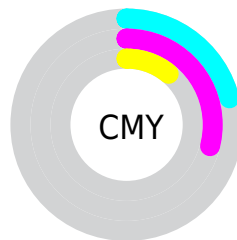
- Red (79%)
- Green (71%)
- Blue (89%)



- Red (79%)
- Yellow (71%)
- Blue (89%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)




- Cyan (21%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 181, 227 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 201, 181, 227 by changing the saturation by 10% instead.

 201, 181, 227


255, 255, 255

 255, 237, 255


 201, 181, 227

 173, 154, 199

 147, 128, 172

 121, 103, 145

 96, 79, 119

 71, 56, 94

 48, 34, 71

 26, 14, 48

 0, 0, 27

 0, 0, 0

■ 201, 181, 227

■ 201, 181, 227

■ 188, 158, 227

■ 214, 204, 227

■ 175, 136, 227

■ 227, 226, 227

■ 163, 113, 227

■ 227, 249, 237

■ 150, 90, 227

■ 227, 255, 230

■ 137, 68, 227

■ 227, 255, 227

■ 124, 45, 227

■ 111, 22, 227

■ 99, 0, 227

Harmonies

Analogous

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



169, 184, 236



201, 181, 227



225, 174, 208

Triad

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



201, 181, 227



223, 214, 146



126, 167, 203

Complementary

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



201, 181, 227



181, 227, 201

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.



147, 185, 201



201, 181, 227



156, 201, 142

Square

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



201, 181, 227



236, 178, 161



151, 197, 174



121, 165, 218

Rectangle

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



201, 181, 227



235, 172, 192



151, 197, 174



132, 172, 203

Sweetspot

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



201, 181, 227



246, 240, 255



181, 198, 227



122, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 181, 227



220, 194, 255



224, 181, 227



108, 103, 115



78, 0, 179



22, 0, 51

Inverse Universe

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



227, 181, 207



255, 194, 228



181, 227, 224



115, 103, 110



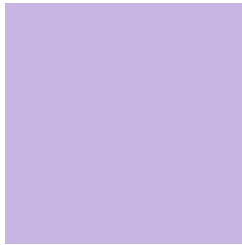
179, 0, 101



51, 0, 29

Previews

White Background



This preview shows how the RYB color 201, 181, 227 looks on a white background.

Color Contrast Check

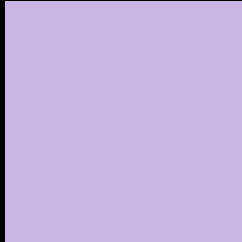
Large Text (above 18pt) WCAG AA × Fail

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 201, 181, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

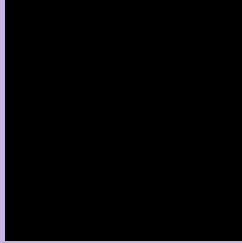
Any Text WCAG AA ✓ Pass

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 201, 181, 227 Background



This preview shows how black text looks on a background with the RYB color 201, 181, 227.



This preview shows how white text looks on a background with the RYB color 201, 181, 227.

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
201, 181, 227

Protanopia
179, 186, 231

Deuteranopia
190, 185, 226



Tritanopia
197, 186, 200

Trichromacy



Original Color
201, 181, 227

Protanomaly
187, 185, 230

Deuteranomaly
194, 184, 226

Tritanomaly
198, 184, 210

Monochromacy



Original Color
201, 181, 227

Achromatopsia
192, 192, 192

Achromatomaly
195, 188, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 181, 227 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(201, 181, 227) looks like.

```
.text, #text, p{  
    color:rgb(201, 181, 227)  
}
```

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(201, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 181, 227) }
```

Border

The CSS property to change the border of an element to RYB 201, 181, 227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

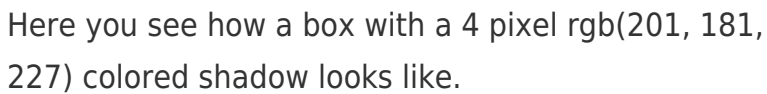
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 181, 227) }
```

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

```
.border{ border-color:rgb(201, 181, 227) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 181, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 181, 227); box-shadow:4px 4px 4px 4px rgb(201, 181, 227) }
```

Background

The CSS property to change the background color of an element to RYB 201, 181, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 181, 227) }
```

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

```
.background{ background-color: rgb(201,  
181, 227) }
```

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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