

Converting Colors

`RYB(195, 181, 217)`

Have a look what the booklet for RYB(195, 181, 217) contains.

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Color

R_YB(195, 181, 217)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5D9
RGB	195, 181, 217
RGB Percent	76%, 71%, 85%
CMY	0.2353, 0.2902, 0.1490
CMYK	0.10, 0.17, 0.00, 0.15
HSL	263°, 32%, 78%
HSV	263°, 17%, 85%
XYZ	51.5539, 49.6596, 72.5137
YIQ	189.2900, -3.2120, 14.1640

Conversions

Conversions Part 2

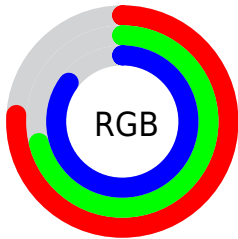
Format	Color
R_{YB}	195, 181, 217
Decimal	12826073
CIE _{Lab}	75.86, 11.82, -16.28
CIE _{LCh}	76, 20.115, 305.983
Yxy	49.6596, 0.2968, 0.2858
Android (android.graphics.Color)	4291016153 (0xFFC3B5D9)
YUV	189.2900, 13.6610, 5.0077
Hunter-Lab	70.4696, 7.2648, -11.6812

Details

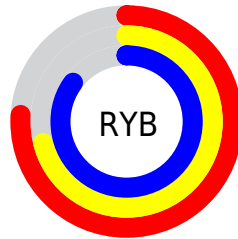
The RYB color **195, 181, 217** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **181, 217, 195**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **252, 237, 255**, and **141, 128, 162** is the 20% darker color. If you saturate the color by 10%, you get **182, 159, 217**, and if you desaturate by 10%, it is **208, 203, 217**.

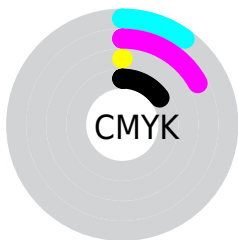
Distribution



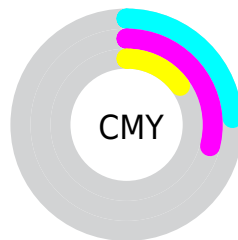
- Red (76%)
- Green (71%)
- Blue (85%)



- Red (76%)
- Yellow (71%)
- Blue (85%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 181, 217 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 195, 181, 217 by changing the saturation by 10% instead.

 195, 181, 217

255, 255, 255

 252, 237, 255

 195, 181, 217

 168, 154, 189

 141, 128, 162


 115, 103, 136

 91, 79, 110

 67, 56, 86

 44, 35, 63

 23, 14, 41

 0, 1, 20

 0, 0, 0

■ 195, 181, 217

■ 195, 181, 217

■ 182, 159, 217

■ 208, 203, 217

■ 168, 138, 217

■ 217, 224, 219

■ 155, 116, 217

■ 217, 246, 228

■ 142, 94, 217

■ 217, 255, 224

■ 129, 73, 217

■ 217, 255, 217

■ 115, 51, 217

■ 102, 29, 217

■ 89, 7, 217

■ 84, 0, 217

Harmonies

Analogous

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



171, 183, 224



195, 181, 217



214, 176, 202

Triad

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



195, 181, 217



215, 202, 154



141, 172, 198

Complementary

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



195, 181, 217



181, 217, 195

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.



156, 185, 196



195, 181, 217



164, 198, 150

Square

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



195, 181, 217



224, 178, 166



157, 192, 172



137, 170, 208

Rectangle

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



195, 181, 217



222, 174, 190



157, 192, 172



145, 176, 198

Sweetspot

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



195, 181, 217



247, 242, 255



181, 195, 217



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 181, 217



224, 204, 255



213, 181, 217



103, 99, 110



67, 0, 173



18, 0, 46

Inverse Universe

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



217, 181, 203



255, 204, 235



181, 217, 213



110, 99, 105



173, 0, 106



46, 0, 28

Previews

White Background



This preview shows how the RYB color 195, 181, 217 looks on a white background.

Color Contrast Check

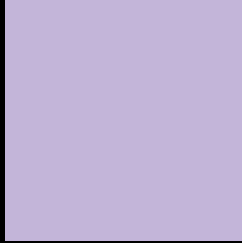
Large Text (above 18pt) WCAG AA × Fail

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 195, 181, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

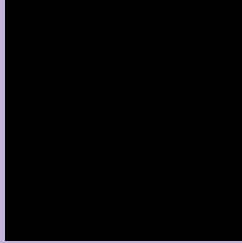
Any Text WCAG AA ✓ Pass

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 195, 181, 217 Background



This preview shows how black text looks on a background with the RYB color 195, 181, 217.



This preview shows how white text looks on a background with the RYB color 195, 181, 217.

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
195, 181, 217

Protanopia
180, 184, 220

Deuteranopia
191, 182, 217



Tritanopia
192, 184, 199

Trichromacy



Original Color
195, 181, 217

Protanomaly
185, 184, 219

Deuteranomaly
192, 182, 217

Tritanomaly
193, 183, 206

Monochromacy



Original Color
195, 181, 217

Achromatopsia
189, 189, 189

Achromatomaly
191, 186, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 181, 217 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(195, 181, 217) looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 217)  
}
```

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(195, 181, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 217) }
```

Border

The CSS property to change the border of an element to RYB 195, 181, 217 is called "border". The border property can be set on classes, ids or directly on the HTML element.

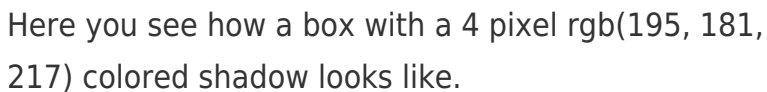
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 181, 217) }
```

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

```
.border{ border-color:rgb(195, 181, 217) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 181, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 181, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 181, 217); box-shadow:4px 4px 4px 4px rgb(195, 181, 217) }
```

Background

The CSS property to change the background color of an element to RYB 195, 181, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 217) }
```

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

```
.background{ background-color: rgb(195,  
181, 217) }
```

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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