

Converting Colors

`RYB(187, 141, 193)`

Have a look what the booklet for RYB(187, 141, 193) contains.

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Color

R_YB(187, 141, 193)

Conversions

Conversions Part 1

Format	Color
Hex	BB8DC1
RGB	187, 141, 193
RGB Percent	73%, 55%, 76%
CMY	0.2667, 0.4471, 0.2431
CMYK	0.03, 0.27, 0.00, 0.24
HSL	293°, 30%, 65%
HSV	293°, 27%, 76%
XYZ	39.6440, 33.4648, 54.8220
YIQ	160.6820, 10.7240, 25.9240

Conversions

Conversions Part 2

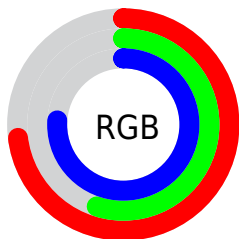
Format	Color
RYB	187, 141, 193
Decimal	12291521
CIELab	64.54, 26.44, -20.25
CIELCh	65, 33.310, 322.550
Yxy	33.4648, 0.3099, 0.2616
Android (android.graphics.Color)	4290481601 (0xFFBB8DC1)
YUV	160.6820, 15.9328, 23.0809
Hunter-Lab	57.8488, 21.0915, -15.6936

Details

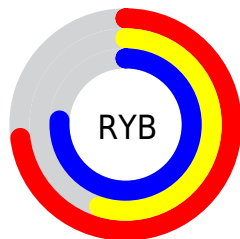
The RYB color **187, 141, 193** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 193, 187**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **244, 195, 250**, and **133, 90, 139** is the 20% darker color. If you saturate the color by 10%, you get **185, 122, 193**, and if you desaturate by 10%, it is **189, 160, 193**.

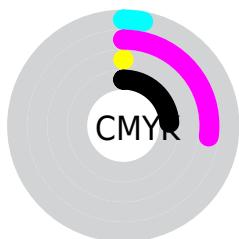
Distribution



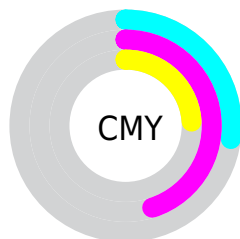
- Red (73%)
- Green (55%)
- Blue (76%)



- Red (73%)
- Yellow (55%)
- Blue (76%)



- Cyan (3%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (27%)
- Magenta (45%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 187, 141, 193 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 187, 141, 193 by changing the saturation by 10% instead.

 187, 141, 193


255, 255, 255


 244, 195, 250

 255, 223, 255

 255, 252, 255

 187, 141, 193

 160, 115, 166

 133, 90, 139

 107, 66, 114


 82, 43, 89


 58, 21, 66

 36, 0, 43

 0, 0, 22


 0, 0, 0


 187, 141, 193


 187, 141, 193

 185, 122, 193

 189, 160, 193

 183, 102, 193


 191, 180, 193

 180, 83, 193


 193, 199, 198

 178, 64, 193

 193, 218, 215

 176, 45, 193

 193, 237, 232

 174, 25, 193

 193, 255, 248

 171, 6, 193

 193, 255, 245

 171, 0, 193

 193, 255, 243

 193, 255, 241

Harmonies

Analogous

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



150, 152, 211



187, 141, 193



209, 134, 165

Triad

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



187, 141, 193



145, 183, 97



48, 111, 178

Complementary

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



187, 141, 193



141, 193, 187

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.



82, 134, 172



187, 141, 193



101, 162, 109

Square

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



187, 141, 193



205, 158, 110



119, 169, 169



56, 120, 203

Rectangle

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



187, 141, 193



215, 134, 145



119, 169, 169



57, 116, 173

Sweetspot

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



187, 141, 193



248, 230, 250



141, 146, 193



124, 112, 125



252, 252, 252



125, 125, 125

Same Dimension

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



187, 141, 193



241, 170, 250



193, 141, 173



96, 87, 97



142, 0, 161



29, 0, 33

Inverse Universe

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



193, 141, 147



250, 170, 179



141, 179, 193



97, 87, 88



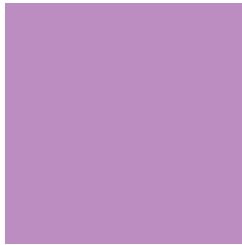
161, 0, 19



33, 0, 4

Previews

White Background



This preview shows how the RYB color 187, 141, 193 looks on a white background.

Color Contrast Check

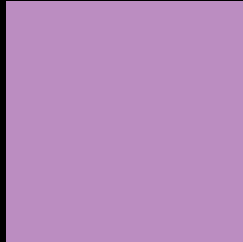
Large Text (above 18pt) WCAG AA × Fail

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 187, 141, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

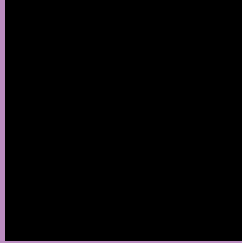
Any Text WCAG AA ✓ Pass

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 187, 141, 193 Background



This preview shows how black text looks on a background with the RYB color 187, 141, 193.

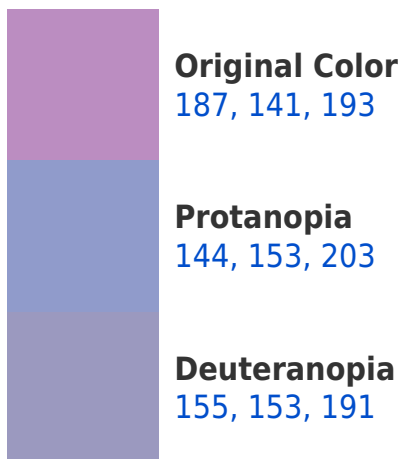


This preview shows how white text looks on a background with the RYB color 187, 141, 193.

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





Tritanopia
182, 147, 159

Trichromacy



Original Color
187, 141, 193

Protanomaly
160, 150, 199

Deuteranomaly
167, 149, 192

Tritanomaly
184, 145, 171

Monochromacy



Original Color
187, 141, 193

Achromatopsia
161, 161, 161

Achromatomaly
170, 154, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 141, 193 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(187, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 141, 193)  
}
```

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(187, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 141, 193) }
```

Border

The CSS property to change the border of an element to RYB 187, 141, 193 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(187, 141, 193) }
```

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

```
.border{ border-color:rgb(187, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 141,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 187, 141, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 141, 193) }
```

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

```
.background{ background-color: rgb(187,  
141, 193) }
```

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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