

Converting Colors

`RYB(201, 157, 187)`

Have a look what the booklet for RYB(201, 157, 187) contains.

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Color

R_YB(201, 157, 187)

Conversions

Conversions Part 1

Format	Color
Hex	C99DBB
RGB	201, 157, 187
RGB Percent	79%, 62%, 73%
CMY	0.2118, 0.3843, 0.2667
CMYK	0.00, 0.22, 0.07, 0.21
HSL	319°, 29%, 70%
HSV	319°, 22%, 79%
XYZ	45.1140, 40.1193, 52.3797
YIQ	173.5760, 16.5940, 18.6580

Conversions

Conversions Part 2

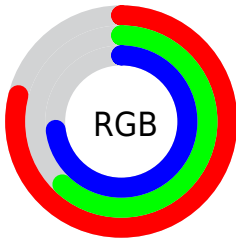
Format	Color
R_{YB}	201, 157, 187
Decimal	13213115
CIE _{Lab}	69.55, 21.26, -9.20
CIE _{LCh}	70, 23.164, 336.591
Yxy	40.1193, 0.3278, 0.2915
Android (android.graphics.Color)	4291403195 (0xFFC99DBB)
YUV	173.5760, 6.6180, 24.0508
Hunter-Lab	63.3398, 16.2926, -4.6928

Details

The RYB color **201, 157, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 190, 201**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **255, 212, 243**, and **147, 105, 134** is the 20% darker color. If you saturate the color by 10%, you get **201, 137, 181**, and if you desaturate by 10%, it is **201, 177, 193**.

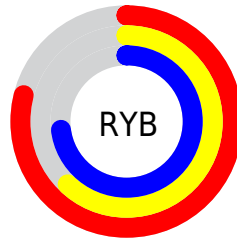
Distribution



Red (79%)

Green (62%)

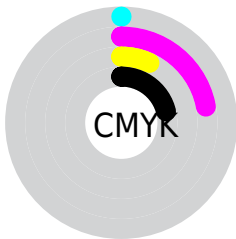
Blue (73%)



Red (79%)

Yellow (62%)

Blue (73%)

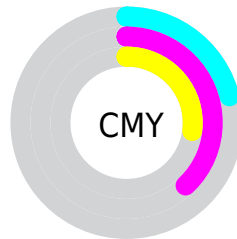


Cyan (0%)

Magenta (22%)

Yellow (7%)

Black (21%)



Cyan (21%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 157, 187 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, 157, 187 by changing the saturation by 10% instead.

 201, 157, 187

 201, 157, 187

255, 255, 255

 173, 131, 160


 255, 212, 243


 147, 105, 134

 255, 240, 255

 120, 81, 109

 95, 57, 84


 71, 35, 61


 48, 13, 39


 29, 0, 19


 0, 0, 0


 201, 157, 187


 201, 157, 187

 201, 137, 181


 201, 177, 193

 201, 117, 174


 201, 197, 200


 201, 97, 168


 201, 213, 217


 201, 77, 161


 201, 228, 237


 201, 57, 155


 201, 242, 255


 201, 36, 149


 201, 238, 255

 201, 16, 142

 201, 235, 255

 201, 0, 137

 201, 233, 255

 201, 231, 255

Harmonies

Analogous

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



179, 163, 204



201, 157, 187



212, 155, 166

Triad

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



201, 157, 187



142, 181, 128



110, 148, 194

Complementary

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



201, 157, 187



157, 190, 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.



115, 151, 182



201, 157, 187



136, 176, 154

Square

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



201, 157, 187



200, 189, 132



134, 167, 180



124, 156, 208

Rectangle

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



201, 157, 187



213, 156, 152



134, 167, 180



110, 147, 188

Sweetspot

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



201, 157, 187



255, 237, 249



171, 157, 201



128, 117, 124



0, 0, 0



128, 128, 128

Same Dimension

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



201, 157, 187



255, 189, 234



201, 157, 165



99, 90, 96



163, 0, 111



36, 0, 24

Inverse Universe

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



201, 157, 187



255, 189, 234



157, 181, 201



99, 90, 96



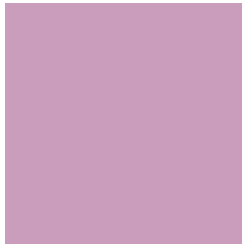
163, 0, 111



36, 0, 24

Previews

White Background



This preview shows how the RYB color 201, 157, 187 looks on a white background.

Color Contrast Check

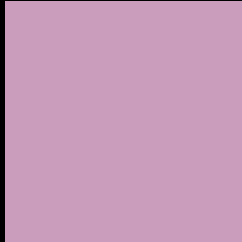
Large Text (above 18pt) WCAG AA × Fail

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, 157, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

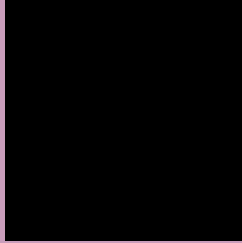
Any Text WCAG AA ✓ Pass

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, 157, 187 Background



This preview shows how black text looks on a background with the RYB color 201, 157, 187.

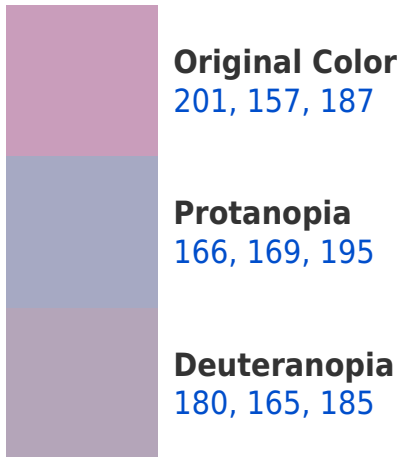



This preview shows how white text looks on a background with the RYB color 201, 157, 187.

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
199, 160, 172

Trichromacy



Original Color
201, 157, 187

Protanomaly
179, 165, 192

Deuteranomaly
188, 162, 186

Tritanomaly
200, 159, 177

Monochromacy



Original Color
201, 157, 187

Achromatopsia
174, 174, 174

Achromatomaly
184, 168, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 157, 187 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, 157, 187) looks like.

```
.text, #text, p{  
    color:rgb(201, 157, 187)  
}
```

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, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 157, 187) }
```

Border

The CSS property to change the border of an element to RYB 201, 157, 187 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, 157, 187) }
```

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

```
.border{ border-color:rgb(201, 157, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 157, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 157, 187);  
box-shadow:4px 4px 4px 4px rgb(201, 157,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 201, 157, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 157, 187) }
```

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

```
.background{ background-color: rgb(201,  
157, 187) }
```

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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