

Converting Colors

`RYB(187, 165, 194)`

Have a look what the booklet for RYB(187, 165, 194) contains.

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Color

R_YB(187, 165, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BBA5C2
RGB	187, 165, 194
RGB Percent	73%, 65%, 76%
CMY	0.2667, 0.3529, 0.2392
CMYK	0.04, 0.15, 0.00, 0.24
HSL	286°, 19%, 70%
HSV	286°, 15%, 76%
XYZ	43.6863, 41.3701, 56.7217
YIQ	174.8840, 3.8030, 13.6830

Conversions

Conversions Part 2

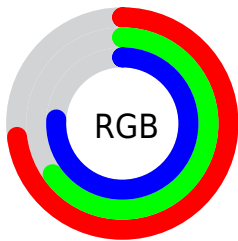
Format	Color
R _Y B	187, 165, 194
Decimal	12297666
CIE Lab	70.43, 13.31, -11.90
CIE LCh	70, 17.852, 318.190
Yxy	41.3701, 0.3081, 0.2918
Android (android.graphics.Color)	4290487746 (0xFFBBA5C2)
YUV	174.8840, 9.4242, 10.6257
Hunter-Lab	64.3196, 8.6790, -7.2625

Details

The RYB color **187, 165, 194** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 194, 187**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **243, 220, 251**, and **134, 113, 140** is the 20% darker color. If you saturate the color by 10%, you get **182, 146, 194**, and if you desaturate by 10%, it is **192, 184, 194**.

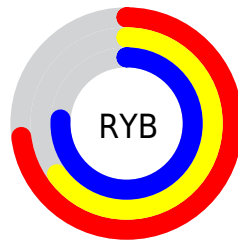
Distribution



Red (73%)

Green (65%)

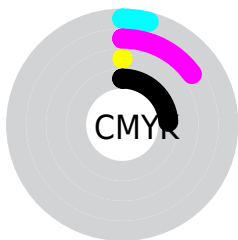
Blue (76%)



Red (73%)

Yellow (65%)

Blue (76%)

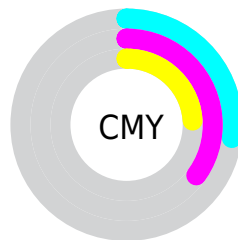


Cyan (4%)

Magenta (15%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 165, 194 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, 165, 194 by changing the saturation by 10% instead.

 187, 165, 194


255, 255, 255

 243, 220, 251

 255, 249, 255

 187, 165, 194

 160, 139, 167

 134, 113, 140

 108, 89, 115

 84, 65, 90

 60, 43, 67


 38, 22, 45


 20, 0, 25

 0, 0, 0

 187, 165, 194

 187, 165, 194

 182, 146, 194


 192, 184, 194

 178, 126, 194

 194, 204, 202

 173, 107, 194

 194, 223, 216

 168, 87, 194


 194, 243, 231

 164, 68, 194


 194, 255, 239

 159, 49, 194

 194, 255, 234

 154, 29, 194

 194, 255, 229

 150, 10, 194

 194, 255, 225

 147, 0, 194

 194, 255, 220

Harmonies

Analogous

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



167, 170, 203



187, 165, 194



201, 162, 179

Triad

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



187, 165, 194



180, 191, 141



129, 156, 182

Complementary

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



187, 165, 194



165, 194, 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.



139, 165, 181



187, 165, 194



141, 174, 141

Square

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



187, 165, 194



203, 170, 149



150, 179, 173



132, 159, 196

Rectangle

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



187, 165, 194



206, 161, 168



150, 179, 173



132, 159, 182

Sweetspot

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



187, 165, 194



250, 242, 252



165, 171, 194



126, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 165, 194



241, 207, 252



194, 165, 187



95, 87, 97



122, 0, 161



25, 0, 33

Inverse Universe

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



194, 165, 172



252, 207, 218



165, 188, 194



97, 87, 90



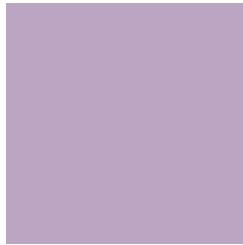
161, 0, 39



33, 0, 8

Previews

White Background



This preview shows how the RYB color 187, 165, 194 looks on a white background.

Color Contrast Check

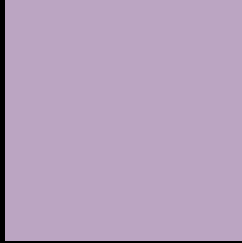
Large Text (above 18pt) WCAG AA × Fail

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, 165, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

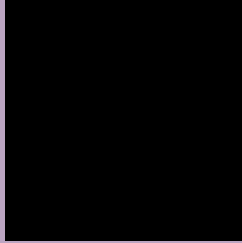
Any Text WCAG AA ✓ Pass

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, 165, 194 Background



This preview shows how black text looks on a background with the RYB color 187, 165, 194.



This preview shows how white text looks on a background with the RYB color 187, 165, 194.

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
187, 165, 194

Protanopia
168, 171, 198

Deuteranopia
179, 168, 193



Tritanopia

185, 167, 180

Trichromacy



Original Color
187, 165, 194

Protanomaly
175, 169, 197

Deuteranomaly
182, 167, 193

Tritanomaly
186, 166, 185

Monochromacy



Original Color
187, 165, 194

Achromatopsia
175, 175, 175

Achromatomaly
179, 171, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 165, 194 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, 165, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 194)  
}
```

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, 165, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 194) }
```

Border

The CSS property to change the border of an element to RYB 187, 165, 194 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, 165, 194) }
```

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

```
.border{ border-color:rgb(187, 165, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 165, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 165, 194);  
box-shadow:4px 4px 4px 4px rgb(187, 165,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 187, 165, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 194) }
```

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

```
.background{ background-color: rgb(187,  
165, 194) }
```

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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