

Converting Colors

`RYB(182, 157, 187)`

Have a look what the booklet for RYB(182, 157, 187) contains.

RYB(182, 157, 187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(182, 157, 187)

Conversions

Conversions Part 1

Format	Color
Hex	B69DBB
RGB	182, 157, 187
RGB Percent	71%, 62%, 73%
CMY	0.2863, 0.3843, 0.2667
CMYK	0.03, 0.16, 0.00, 0.27
HSL	290°, 18%, 67%
HSV	290°, 16%, 73%
XYZ	40.3180, 37.6469, 52.1553
YIQ	167.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

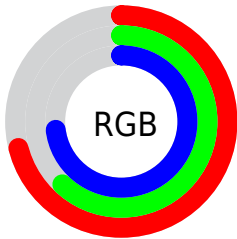
Format	Color
RYB	182, 157, 187
Decimal	11967931
CIELab	67.76, 14.65, -12.07
CIElCh	68, 18.986, 320.512
Yxy	37.6469, 0.3099, 0.2893
Android (android.graphics.Color)	4290158011 (0xFFB69DBB)
YUV	167.8950, 9.4188, 12.3701
Hunter-Lab	61.3571, 9.9184, -7.4483

Details

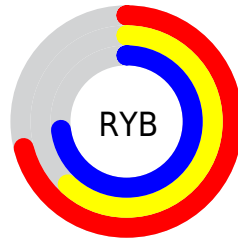
The RYB color **182, 157, 187** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **157, 187, 182**, and the grayscale version is **168, 168, 168**.

A 20% lighter version of the original color is **238, 212, 243**, and **129, 106, 134** is the 20% darker color. If you saturate the color by 10%, you get **179, 138, 187**, and if you desaturate by 10%, it is **185, 176, 187**.

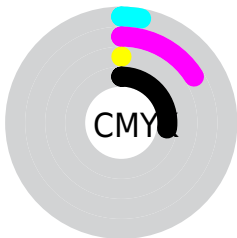
Distribution



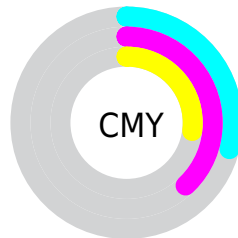
- Red (71%)
- Green (62%)
- Blue (73%)



- Red (71%)
- Yellow (62%)
- Blue (73%)



- Cyan (3%)
- Magenta (16%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 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 182, 157, 187 by changing the saturation by 10% instead.

 182, 157, 187

255, 255, 255

 238, 212, 243

 255, 240, 255

 182, 157, 187

 155, 131, 160

 129, 106, 134

 104, 81, 108

 79, 58, 84

 56, 36, 61

 34, 16, 39

 4, 0, 18

 0, 0, 0


 182, 157, 187

 182, 157, 187

 179, 138, 187

 185, 176, 187

 176, 120, 187

 187, 194, 193

 173, 101, 187


 187, 213, 209

 170, 82, 187


 187, 232, 225

 166, 64, 187

 187, 251, 240

 163, 45, 187

 187, 255, 241

 160, 26, 187

 187, 255, 238

 157, 7, 187

 187, 255, 235

 156, 0, 187

 187, 255, 232

Harmonies

Analogous

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



161, 163, 197



182, 157, 187



196, 153, 171

Triad

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



182, 157, 187



170, 184, 132



119, 147, 176

Complementary

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



182, 157, 187



157, 187, 182

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.



129, 157, 175



182, 157, 187



133, 168, 135

Square

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



182, 157, 187



196, 165, 139



143, 172, 169



122, 151, 191

Rectangle

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



182, 157, 187



200, 153, 160



143, 172, 169



121, 149, 175

Sweetspot

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



182, 157, 187



240, 230, 242



157, 161, 187



121, 115, 122



250, 250, 250



122, 122, 122

Same Dimension

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



182, 157, 187



235, 196, 242



187, 157, 177



93, 85, 94



132, 0, 158



26, 0, 31

Inverse Universe

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



187, 157, 162



242, 196, 204



157, 180, 187



94, 85, 86



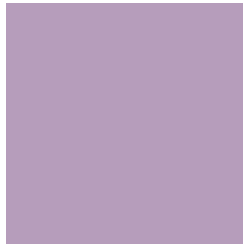
158, 0, 26



31, 0, 5

Previews

White Background



This preview shows how the RYB color 182, 157, 187 looks on a white background.

Color Contrast Check

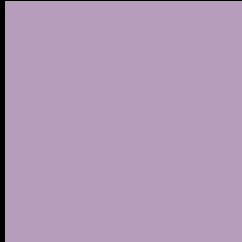
Large Text (above 18pt) WCAG AA × Fail

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 182, 157, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

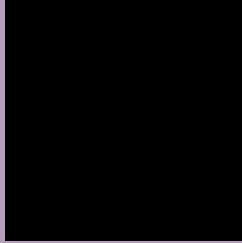
Any Text WCAG AA ✓ Pass

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 182, 157, 187 Background



This preview shows how black text looks on a background with the RYB color 182, 157, 187.



This preview shows how white text looks on a background with the RYB color 182, 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



Original Color
182, 157, 187

Protanopia
160, 164, 191

Deuteranopia
171, 161, 186



Tritanopia
180, 160, 172

Trichromacy



Original Color
182, 157, 187

Protanomaly
168, 161, 190

Deuteranomaly
175, 160, 186

Tritanomaly
181, 159, 177

Monochromacy



Original Color
182, 157, 187

Achromatopsia
168, 168, 168

Achromatomaly
173, 164, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 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(182, 157, 187)` looks like.

```
.text, #text, p{  
    color:rgb(182, 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(182, 157, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 187) }
```

Border

The CSS property to change the border of an element to RYB 182, 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(182, 157, 187) }
```

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

```
.border{ border-color:rgb(182, 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(182, 157, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 157, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 157, 187); box-shadow:4px 4px 4px 4px rgb(182, 157, 187) }
```

Background

The CSS property to change the background color of an element to RYB 182, 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(182, 157, 187) }
```

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

```
.background{ background-color: rgb(182,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor