

Converting Colors

`RYB(175, 157, 198)`

Have a look what the booklet for
RYB(175, 157, 198) contains.

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Color

R_YB(175, 157, 198)

Conversions

Conversions Part 1

Format	Color
Hex	AF9DC6
RGB	175, 157, 198
RGB Percent	69%, 62%, 78%
CMY	0.3137, 0.3843, 0.2235
CMYK	0.12, 0.21, 0.00, 0.22
HSL	266°, 26%, 70%
HSV	266°, 21%, 78%
XYZ	39.9292, 37.3051, 58.5222
YIQ	167.0560, -2.4330, 16.5670

Conversions

Conversions Part 2

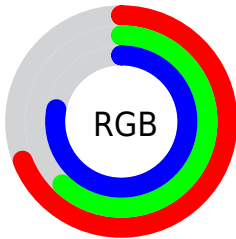
Format	Color
RYB	175, 157, 198
Decimal	11509190
CIELab	67.51, 14.54, -18.64
CIELCh	68, 23.635, 307.954
Yxy	37.3051, 0.2941, 0.2748
Android (android.graphics.Color)	4289699270 (0xFFAF9DC6)
YUV	167.0560, 15.2554, 6.9669
Hunter-Lab	61.0779, 9.8066, -14.0545

Details

The RYB color **175, 157, 198** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **157, 198, 175**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **231, 212, 255**, and **122, 106, 144** is the 20% darker color. If you saturate the color by 10%, you get **164, 137, 198**, and if you desaturate by 10%, it is **186, 177, 198**.

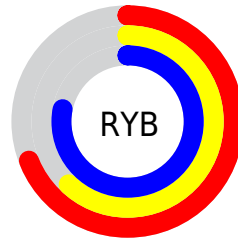
Distribution



Red (69%)

Green (62%)

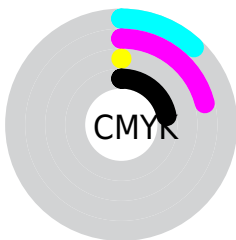
Blue (78%)



Red (69%)

Yellow (62%)

Blue (78%)

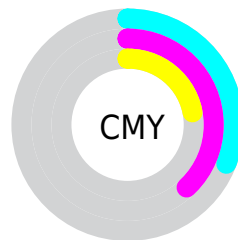


Cyan (12%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (31%)

Magenta (38%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 157, 198 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 175, 157, 198 by changing the saturation by 10% instead.


 175, 157, 198


255, 255, 255

 231, 212, 255


 255, 240, 255

 175, 157, 198

 148, 131, 171

 122, 106, 144

 97, 81, 118

 73, 58, 94

 50, 37, 70


 28, 16, 47

 0, 0, 27


 0, 0, 0

 175, 157, 198

 175, 157, 198

 164, 137, 198


 186, 177, 198

 153, 117, 198

 197, 197, 198

 142, 98, 198


 198, 216, 206

 131, 78, 198

 198, 236, 215

 119, 58, 198

 198, 255, 222

 108, 38, 198

 198, 255, 211

 97, 18, 198

 198, 255, 200

 87, 0, 198

 198, 255, 198

Harmonies

Analogous

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



146, 160, 206



175, 157, 198



197, 151, 181

Triad

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



175, 157, 198



194, 188, 125



108, 145, 177

Complementary

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



175, 157, 198



157, 198, 175

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.



127, 160, 175



175, 157, 198



133, 174, 122

Square

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



175, 157, 198



206, 155, 139



130, 171, 150



103, 142, 190

Rectangle

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



175, 157, 198



205, 149, 167



130, 171, 150



113, 148, 176

Sweetspot

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



175, 157, 198



246, 240, 255



157, 172, 198



122, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 157, 198



219, 191, 255



195, 157, 198



94, 90, 99



72, 0, 163



16, 0, 36

Inverse Universe

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



198, 157, 180



255, 191, 227



157, 198, 195



99, 90, 95



163, 0, 92



36, 0, 20

Previews

White Background



This preview shows how the RYB color 175, 157, 198 looks on a white background.

Color Contrast Check

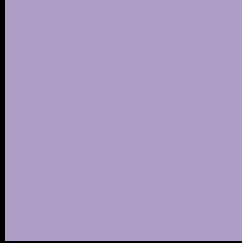
Large Text (above 18pt) WCAG AA × Fail

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 175, 157, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

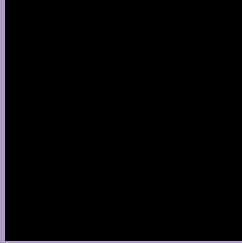
Any Text WCAG AA ✓ Pass

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 175, 157, 198 Background



This preview shows how black text looks on a background with the RYB color 175, 157, 198.



This preview shows how white text looks on a background with the RYB color 175, 157, 198.

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
[175, 157, 198](#)

Protanopia
[155, 162, 202](#)

Deuteranopia
[164, 161, 197](#)



Tritanopia
171, 161, 174

Trichromacy



Original Color

175, 157, 198

Protanomaly

162, 161, 201

Deuteranomaly

168, 160, 197

Tritanomaly

172, 160, 183

Monochromacy



Original Color

175, 157, 198

Achromatopsia

167, 167, 167

Achromatomaly

170, 163, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 157, 198 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(175, 157, 198) looks like.

```
.text, #text, p{  
    color:rgb(175, 157, 198)  
}
```

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(175, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 157, 198) }
```

Border

The CSS property to change the border of an element to RYB 175, 157, 198 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(175, 157, 198) }
```

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

```
.border{ border-color:rgb(175, 157, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 157, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 157, 198);  
box-shadow:4px 4px 4px 4px rgb(175, 157,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 175, 157, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 157, 198) }
```

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

```
.background{ background-color: rgb(175,  
157, 198) }
```

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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