

Converting Colors

`RYB(175, 165, 199)`

Have a look what the booklet for
RYB(175, 165, 199) contains.

RYB(175, 165, 199)	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(175, 165, 199)

Conversions

Conversions Part 1

Format	Color
Hex	AFA5C7
RGB	175, 165, 199
RGB Percent	69%, 65%, 78%
CMY	0.3137, 0.3529, 0.2196
CMYK	0.12, 0.17, 0.00, 0.22
HSL	258°, 23%, 71%
HSV	258°, 17%, 78%
XYZ	41.4431, 40.1477, 59.5978
YIQ	171.8660, -4.9540, 12.6940

Conversions

Conversions Part 2

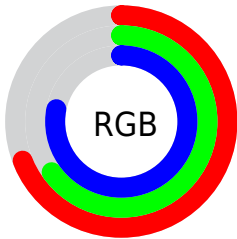
Format	Color
RYB	175, 165, 199
Decimal	11511239
CIELab	69.57, 10.29, -16.06
CIELCh	70, 19.073, 302.653
Yxy	40.1477, 0.2935, 0.2844
Android (android.graphics.Color)	4289701319 (0xFFAFA5C7)
YUV	171.8660, 13.3771, 2.7485
Hunter-Lab	63.3623, 5.8670, -11.4139

Details

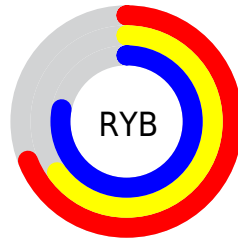
The RYB color **175, 165, 199** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 199, 175**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **231, 220, 255**, and **122, 113, 145** is the 20% darker color. If you saturate the color by 10%, you get **161, 145, 199**, and if you desaturate by 10%, it is **189, 185, 199**.

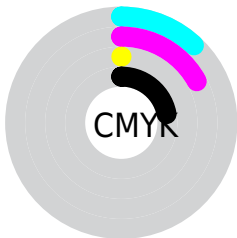
Distribution



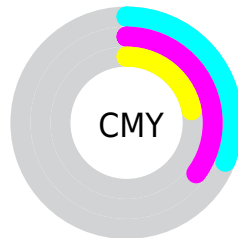
- Red (69%)
- Green (65%)
- Blue (78%)



- Red (69%)
- Yellow (65%)
- Blue (78%)



- Cyan (12%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (31%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 165, 199 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, 165, 199 by changing the saturation by 10% instead.

■ 175, 165, 199

255, 255, 255

■ 231, 220, 255

■ 255, 249, 255

■ 175, 165, 199

■ 148, 139, 172

■ 122, 113, 145

■ 97, 89, 119

■ 73, 65, 95

■ 50, 43, 71

■ 28, 23, 48

■ 4, 0, 28

■ 0, 0, 0

■ 175, 165, 199

■ 175, 165, 199

■ 161, 145, 199

■ 189, 185, 199

■ 147, 125, 199

■ 199, 205, 201

■ 133, 105, 199

■ 199, 225, 207

■ 119, 85, 199

■ 199, 245, 213

■ 105, 66, 199

■ 199, 255, 209

■ 91, 46, 199

■ 199, 255, 199

■ 77, 26, 199

■ 63, 6, 199

■ 59, 0, 199

Harmonies

Analogous

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



152, 166, 204



175, 165, 199



194, 160, 186

Triad

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



175, 165, 199



197, 181, 140



128, 156, 180

Complementary

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



175, 165, 199



165, 199, 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.



143, 170, 178



175, 165, 199



154, 182, 136

Square

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



175, 165, 199



205, 160, 152



141, 175, 153



123, 153, 188

Rectangle

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



175, 165, 199



202, 158, 175



141, 175, 153



132, 160, 180

Sweetspot

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



175, 165, 199



246, 242, 255



165, 179, 199



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



175, 165, 199



217, 201, 255



192, 165, 199



92, 90, 99



48, 0, 163



10, 0, 36

Inverse Universe

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



199, 165, 189



255, 201, 239



165, 199, 192



99, 90, 97



163, 0, 115



36, 0, 25

Previews

White Background



This preview shows how the RYB color 175, 165, 199 looks on a white background.

Color Contrast Check

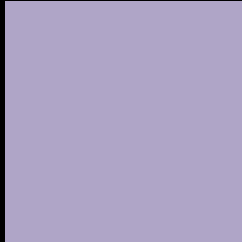
Large Text (above 18pt) WCAG AA × Fail

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, 165, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

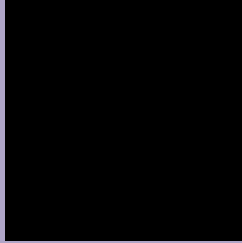
Any Text WCAG AA ✓ Pass

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, 165, 199 Background



This preview shows how black text looks on a background with the RYB color 175, 165, 199.



This preview shows how white text looks on a background with the RYB color 175, 165, 199.

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, 165, 199

Protanopia
163, 167, 201

Deuteranopia
172, 166, 199



Tritanopia
172, 168, 181

Trichromacy



Original Color

175, 165, 199

Protanomaly

167, 167, 200

Deuteranomaly

173, 166, 199

Tritanomaly

173, 167, 188

Monochromacy



Original Color

175, 165, 199

Achromatopsia

172, 172, 172

Achromatomaly

173, 169, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 165, 199 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, 165, 199)` looks like.

```
.text, #text, p{  
    color:rgb(175, 165, 199)  
}
```

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, 165, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 165, 199) }
```

Border

The CSS property to change the border of an element to RYB 175, 165, 199 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, 165, 199) }
```

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

```
.border{ border-color:rgb(175, 165, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 165, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 165, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 165, 199);  
box-shadow:4px 4px 4px 4px rgb(175, 165,  
199) }
```

Background

The CSS property to change the background color of an element to RYB 175, 165, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 165, 199) }
```

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

```
.background{ background-color: rgb(175,  
165, 199) }
```

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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