

Converting Colors

`RYB(174, 165, 196)`

Have a look what the booklet for
RYB(174, 165, 196) contains.

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Color

R_YB(174, 165, 196)

Conversions

Conversions Part 1

Format	Color
Hex	AEA5C4
RGB	174, 165, 196
RGB Percent	68%, 65%, 77%
CMY	0.3176, 0.3529, 0.2314
CMYK	0.11, 0.16, 0.00, 0.23
HSL	257°, 21%, 71%
HSV	257°, 16%, 77%
XYZ	40.8745, 39.8945, 57.7706
YIQ	171.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

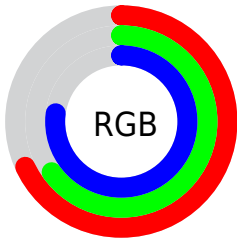
Format	Color
RYB	174, 165, 196
Decimal	11445700
CIELab	69.39, 9.33, -14.68
CIElCh	69, 17.392, 302.428
Yxy	39.8945, 0.2950, 0.2880
Android (android.graphics.Color)	4289635780 (0xFFAEA5C4)
YUV	171.2250, 12.2141, 2.4337
Hunter-Lab	63.1621, 4.9803, -10.0156

Details

The RYB color **174, 165, 196** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **165, 196, 174**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **230, 220, 253**, and **121, 113, 142** is the 20% darker color. If you saturate the color by 10%, you get **160, 145, 196**, and if you desaturate by 10%, it is **188, 185, 196**.

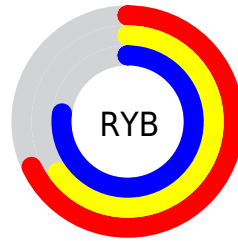
Distribution



Red (68%)

Green (65%)

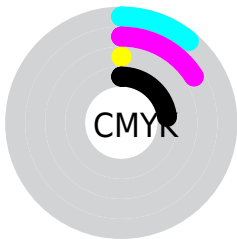
Blue (77%)



Red (68%)

Yellow (65%)

Blue (77%)

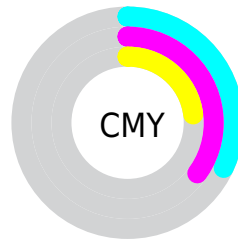


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (23%)



Cyan (32%)

Magenta (35%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RYB color 174, 165, 196 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 174, 165, 196 by changing the saturation by 10% instead.

 174, 165, 196

255, 255, 255

 230, 220, 253

 255, 249, 255

 174, 165, 196

 147, 139, 169

 121, 113, 142

 96, 89, 117


 72, 65, 92

 50, 43, 68

 28, 23, 46

 2, 0, 26


 0, 0, 0

 174, 165, 196


 174, 165, 196

 160, 145, 196


 188, 185, 196

 146, 126, 196


 196, 204, 198

 132, 106, 196


 196, 224, 204

 118, 87, 196

 196, 243, 209


 104, 67, 196

 196, 255, 207

 91, 47, 196

 196, 255, 196

 77, 28, 196

 63, 8, 196

 57, 0, 196

Harmonies

Analogous

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



153, 166, 201



174, 165, 196



191, 161, 184

Triad

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



174, 165, 196



194, 180, 142



132, 158, 179

Complementary

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



174, 165, 196



165, 196, 174

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.



145, 170, 177



174, 165, 196



155, 181, 138

Square

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



174, 165, 196



202, 161, 153



143, 174, 154



127, 154, 186

Rectangle

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



174, 165, 196



199, 159, 174



143, 174, 154



135, 160, 178

Sweetspot

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



174, 165, 196



246, 242, 255



165, 178, 196



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



174, 165, 196



221, 207, 255



189, 165, 196



90, 87, 97



47, 0, 161



10, 0, 33

Inverse Universe

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



196, 165, 187



255, 207, 241



165, 196, 189



97, 87, 94



161, 0, 114



33, 0, 24

Previews

White Background



This preview shows how the RYB color 174, 165, 196 looks on a white background.

Color Contrast Check

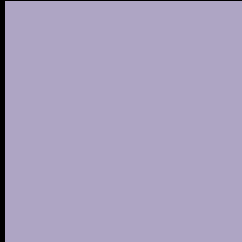
Large Text (above 18pt) WCAG AA × Fail

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 174, 165, 196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

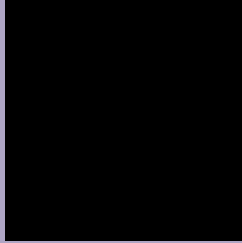
Any Text WCAG AA ✓ Pass

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 174, 165, 196 Background



This preview shows how black text looks on a background with the RYB color 174, 165, 196.



This preview shows how white text looks on a background with the RYB color 174, 165, 196.

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
174, 165, 196

Protanopia
164, 168, 198

Deuteranopia
173, 165, 196



Tritanopia
171, 168, 181

Trichromacy



Original Color

174, 165, 196

Protanomaly

168, 167, 197

Deuteranomaly

173, 165, 196

Tritanomaly

172, 167, 186

Monochromacy



Original Color

174, 165, 196

Achromatopsia

171, 171, 171

Achromatomaly

172, 169, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 174, 165, 196 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(174, 165, 196) looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 196)  
}
```

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(174, 165, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 196) }
```

Border

The CSS property to change the border of an element to RYB 174, 165, 196 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(174, 165, 196) }
```

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

```
.border{ border-color:rgb(174, 165, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 196);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
196) }
```

Background

The CSS property to change the background color of an element to RYB 174, 165, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 196) }
```

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

```
.background{ background-color: rgb(174,  
165, 196) }
```

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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