

Converting Colors

`RYB(173, 132, 166)`

Have a look what the booklet for
RYB(173, 132, 166) contains.

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Color

R_YB(173, 132, 166)

Conversions

Conversions Part 1

Format	Color
Hex	AD84A6
RGB	173, 132, 166
RGB Percent	68%, 52%, 65%
CMY	0.3216, 0.4824, 0.3490
CMYK	0.00, 0.24, 0.04, 0.32
HSL	310°, 20%, 60%
HSV	310°, 24%, 68%
XYZ	32.3678, 28.1399, 39.8020
YIQ	148.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

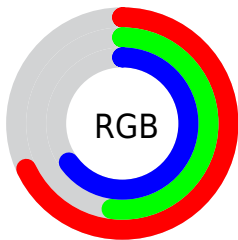
Format	Color
RYB	173, 132, 166
Decimal	11371686
CIELab	60.01, 21.51, -11.94
CIElCh	60, 24.605, 330.963
Yxy	28.1399, 0.3227, 0.2805
Android (android.graphics.Color)	4289561766 (0xFFAD84A6)
YUV	148.1350, 8.8074, 21.8066
Hunter-Lab	53.0471, 16.0831, -7.3532

Details

The RYB color **173, 132, 166** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 167, 173**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **229, 185, 221**, and **120, 82, 114** is the 20% darker color. If you saturate the color by 10%, you get **173, 115, 163**, and if you desaturate by 10%, it is **173, 149, 169**.

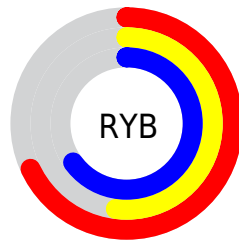
Distribution



Red (68%)

Green (52%)

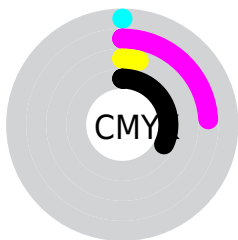
Blue (65%)



Red (68%)

Yellow (52%)

Blue (65%)

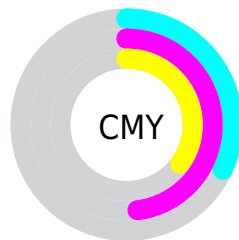


Cyan (0%)

Magenta (24%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 132, 166 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 173, 132, 166 by changing the saturation by 10% instead.

 173, 132, 166

255, 255, 255

 229, 185, 221


 255, 213, 250


 255, 242, 255

 173, 132, 166

 146, 107, 140

 120, 82, 114

 95, 59, 90

 71, 36, 66

 48, 15, 44

 30, 0, 24

 0, 0, 0

 173, 132, 166

 173, 115, 163

 173, 132, 166

 173, 149, 169

173, 97, 160

173, 167, 172

173, 80, 157

173, 182, 184

173, 63, 154

173, 197, 201

173, 45, 151

173, 212, 219

173, 28, 148

173, 227, 236

173, 11, 145

173, 241, 253

173, 0, 143

173, 241, 255

173, 239, 255

Harmonies

Analogous

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



149, 139, 182



173, 132, 166



186, 129, 145

Triad

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



173, 132, 166



123, 159, 101



78, 119, 166

Complementary

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



173, 132, 166



132, 167, 173

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.



89, 126, 157



173, 132, 166



107, 150, 121

Square

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



173, 132, 166



178, 156, 107



111, 146, 155



90, 127, 182

Rectangle

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



173, 132, 166



188, 129, 130



111, 146, 155



79, 118, 159

Sweetspot

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



173, 132, 166



224, 209, 222



139, 132, 173



112, 103, 111



240, 240, 240



112, 112, 112

Same Dimension

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



173, 132, 166



224, 162, 214



173, 132, 146



87, 78, 85



150, 0, 125



23, 0, 19

Inverse Universe

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



173, 132, 166



224, 162, 214



132, 157, 173



87, 78, 85



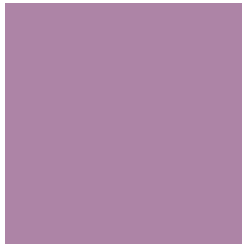
150, 0, 125



23, 0, 19

Previews

White Background



This preview shows how the RYB color 173, 132, 166 looks on a white background.

Color Contrast Check

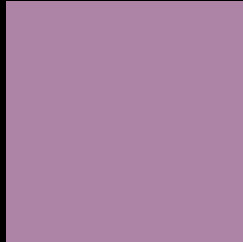
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 132, 166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

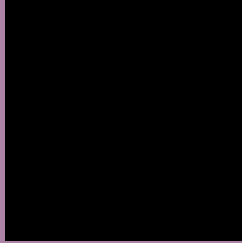
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 173, 132, 166 Background



This preview shows how black text looks on a background with the RYB color 173, 132, 166.

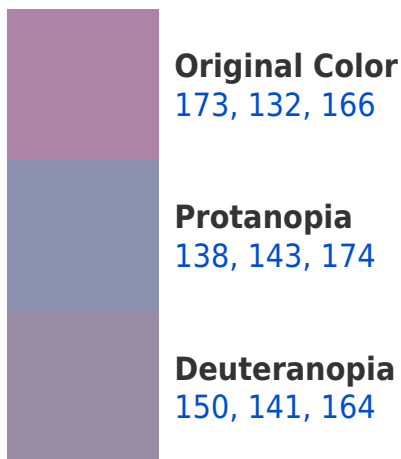



This preview shows how white text looks on a background with the RYB color 173, 132, 166.

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





Tritanopia
170, 136, 146

Trichromacy



Original Color
173, 132, 166

Protanomaly
151, 140, 171

Deuteranomaly
158, 138, 165

Tritanomaly
171, 135, 153

Monochromacy



Original Color
173, 132, 166

Achromatopsia
148, 148, 148

Achromatomaly
157, 142, 155

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 132, 166 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(173, 132, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 166)  
}
```

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(173, 132, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 166) }
```

Border

The CSS property to change the border of an element to RYB 173, 132, 166 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(173, 132, 166) }
```

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

```
.border{ border-color:rgb(173, 132, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 173, 132, 166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 166) }
```

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

```
.background{ background-color: rgb(173,  
132, 166) }
```

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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