

Converting Colors

`RYB(175, 132, 172)`

Have a look what the booklet for
RYB(175, 132, 172) contains.

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Color

R_YB(175, 132, 172)

Conversions

Conversions Part 1

Format	Color
Hex	AF84AC
RGB	175, 132, 172
RGB Percent	69%, 52%, 67%
CMY	0.3137, 0.4824, 0.3255
CMYK	0.00, 0.25, 0.02, 0.31
HSL	304°, 21%, 60%
HSV	304°, 25%, 69%
XYZ	33.3769, 28.5950, 42.7900
YIQ	149.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

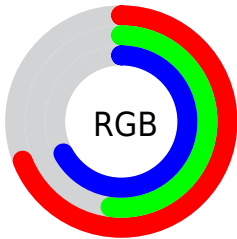
Format	Color
RYB	175, 132, 172
Decimal	11502764
CIELab	60.42, 23.35, -14.73
CIELCh	60, 27.606, 327.747
Yxy	28.5950, 0.3186, 0.2730
Android (android.graphics.Color)	4289692844 (0xFFAF84AC)
YUV	149.4170, 11.1334, 22.4363
Hunter-Lab	53.4743, 17.8335, -10.0116

Details

The RYB color **175, 132, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 172, 175**, and the grayscale version is **149, 149, 149**.

A 20% lighter version of the original color is **231, 185, 227**, and **122, 82, 120** is the 20% darker color. If you saturate the color by 10%, you get **175, 115, 171**, and if you desaturate by 10%, it is **175, 150, 173**.

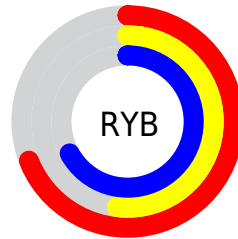
Distribution



Red (69%)

Green (52%)

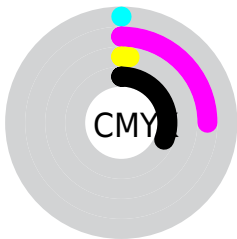
Blue (67%)



Red (69%)

Yellow (52%)

Blue (67%)

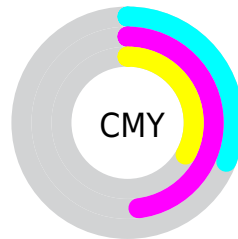


Cyan (0%)

Magenta (25%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (48%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 175, 132, 172 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, 132, 172 by changing the saturation by 10% instead.

 175, 132, 172


255, 255, 255

 231, 185, 227

 255, 213, 255

 255, 242, 255

 175, 132, 172


 148, 107, 145

 122, 82, 120

 97, 58, 95

 72, 36, 71

 49, 14, 49

 31, 0, 28

 0, 0, 0

 175, 132, 172

 175, 115, 171

 175, 132, 172

 175, 150, 173

■ 175, 97, 170

■ 175, 167, 174

■ 175, 80, 168

■ 175, 184, 185

■ 175, 62, 167

■ 175, 200, 202

■ 175, 45, 166

■ 175, 217, 220

■ 175, 27, 165

■ 175, 233, 237

■ 175, 10, 163

■ 175, 249, 255

■ 175, 0, 163

■ 175, 249, 255

■ 175, 248, 255

Harmonies

Analogous

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



147, 140, 189



175, 132, 172



191, 128, 148

Triad

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



175, 132, 172



126, 164, 97



66, 114, 167

Complementary

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



175, 132, 172



132, 172, 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.



83, 125, 159



175, 132, 172



102, 151, 114

Square

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



175, 132, 172



184, 153, 105



111, 149, 156



77, 122, 186

Rectangle

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



175, 132, 172



194, 128, 132



111, 149, 156



69, 114, 160

Sweetspot

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



175, 132, 172



227, 211, 226



135, 132, 175



115, 106, 114



242, 242, 242



115, 115, 115

Same Dimension

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



175, 132, 172



227, 161, 222



175, 132, 151



87, 78, 86



150, 0, 140



23, 0, 21

Inverse Universe

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



175, 132, 172



227, 161, 222



132, 160, 175



87, 78, 86



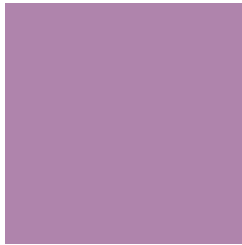
150, 0, 140



23, 0, 21

Previews

White Background



This preview shows how the RYB color 175, 132, 172 looks on a white background.

Color Contrast Check

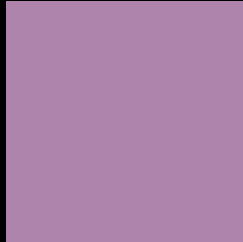
Large Text (above 18pt) WCAG AA ✓ Pass

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 175, 132, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

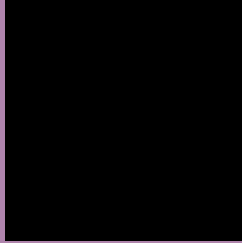
Any Text WCAG AA ✓ Pass

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 175, 132, 172 Background



This preview shows how black text looks on a background with the RYB color 175, 132, 172.

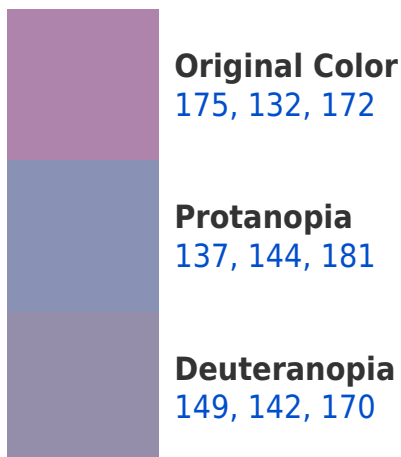


This preview shows how white text looks on a background with the RYB color 175, 132, 172.

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
172, 137, 147

Trichromacy



Original Color
175, 132, 172

Protanomaly
151, 140, 178

Deuteranomaly
158, 138, 171

Tritanomaly
173, 135, 156

Monochromacy



Original Color
175, 132, 172

Achromatopsia
149, 149, 149

Achromatomaly
158, 143, 157

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 132, 172 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, 132, 172)` looks like.

```
.text, #text, p{  
    color:rgb(175, 132, 172)  
}
```

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, 132, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 132, 172) }
```

Border

The CSS property to change the border of an element to RYB 175, 132, 172 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, 132, 172) }
```

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

```
.border{ border-color:rgb(175, 132, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 132, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 132, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 132, 172);  
box-shadow:4px 4px 4px 4px rgb(175, 132,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 175, 132, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 132, 172) }
```

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

```
.background{ background-color: rgb(175,  
132, 172) }
```

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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