

Converting Colors

`RYB(182, 145, 170)`

Have a look what the booklet for
RYB(182, 145, 170) contains.

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Color

R_YB(182, 145, 170)

Conversions

Conversions Part 1

Format	Color
Hex	B691AA
RGB	182, 145, 170
RGB Percent	71%, 57%, 67%
CMY	0.2863, 0.4314, 0.3333
CMYK	0.00, 0.20, 0.07, 0.29
HSL	319°, 20%, 64%
HSV	319°, 20%, 71%
XYZ	36.6725, 33.0982, 42.4859
YIQ	158.9130, 14.0270, 15.6190

Conversions

Conversions Part 2

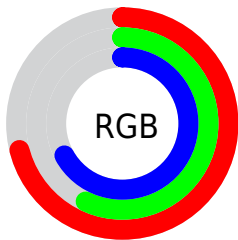
Format	Color
R_{YB}	182, 145, 170
Decimal	11964842
CIE _{Lab}	64.24, 18.14, -7.80
CIE _{LCh}	64, 19.746, 336.725
Yxy	33.0982, 0.3267, 0.2948
Android (android.graphics.Color)	4290154922 (0xFFB691AA)
YUV	158.9130, 5.4659, 20.2473
Hunter-Lab	57.5310, 13.1036, -3.5132

Details

The RYB color **182, 145, 170** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **145, 173, 182**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **238, 199, 225**, and **129, 94, 118** is the 20% darker color. If you saturate the color by 10%, you get **182, 127, 164**, and if you desaturate by 10%, it is **182, 163, 176**.

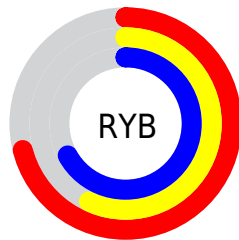
Distribution



Red (71%)

Green (57%)

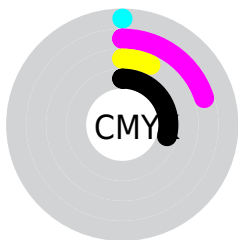
Blue (67%)



Red (71%)

Yellow (57%)

Blue (67%)

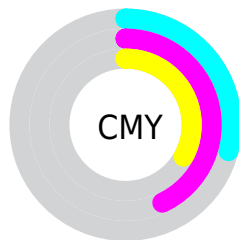


Cyan (0%)

Magenta (20%)

Yellow (7%)

Black (29%)



Cyan (29%)

Magenta (43%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 182, 145, 170 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 182, 145, 170 by changing the saturation by 10% instead.

 182, 145, 170

255, 255, 255

 238, 199, 225

 255, 227, 254

 182, 145, 170

 155, 119, 144

 129, 94, 118


 103, 70, 93

 79, 48, 70


 55, 26, 47

 34, 2, 27


 0, 0, 0

 182, 145, 170

 182, 127, 164


 182, 145, 170

 182, 163, 176

 182, 109, 158

 182, 181, 182

 182, 90, 152

 182, 196, 200

 182, 72, 146

 182, 209, 218

 182, 54, 140

 182, 223, 236

 182, 36, 135

 182, 237, 254

 182, 18, 129

 182, 234, 255

 182, 0, 123

 182, 231, 255

 182, 229, 255

Harmonies

Analogous

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



164, 150, 184



182, 145, 170



191, 143, 152

Triad

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



182, 145, 170



132, 165, 121



107, 139, 176

Complementary

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



182, 145, 170



145, 173, 182

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.



111, 140, 166



182, 145, 170



127, 161, 143

Square

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



182, 145, 170



181, 172, 124



126, 154, 165



119, 145, 188

Rectangle

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



182, 145, 170



192, 144, 141



126, 154, 165



107, 137, 171

Sweetspot

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



182, 145, 170



237, 223, 233



157, 145, 182



120, 111, 117



247, 247, 247



120, 120, 120

Same Dimension

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



182, 145, 170



237, 180, 219



182, 145, 152



92, 83, 89



156, 0, 105



28, 0, 19

Inverse Universe

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



182, 145, 170



237, 180, 219



145, 165, 182



92, 83, 89



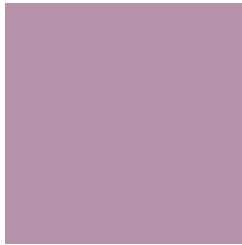
156, 0, 105



28, 0, 19

Previews

White Background



This preview shows how the RYB color 182, 145, 170 looks on a white background.

Color Contrast Check

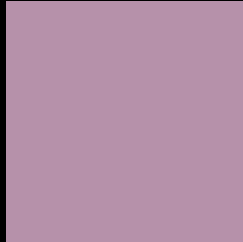
Large Text (above 18pt) WCAG AA × Fail

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 182, 145, 170 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 182, 145, 170 Background



This preview shows how black text looks on a background with the RYB color 182, 145, 170.

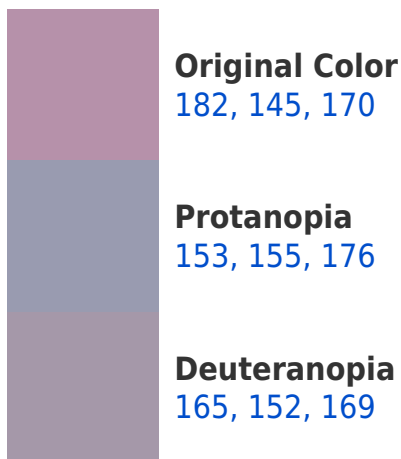


This preview shows how white text looks on a background with the RYB color 182, 145, 170.

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
180, 147, 158

Trichromacy



Original Color
182, 145, 170

Protanomaly
164, 151, 174

Deuteranomaly
171, 149, 169

Tritanomaly
181, 146, 162

Monochromacy



Original Color
182, 145, 170

Achromatopsia
159, 159, 159

Achromatomaly
167, 154, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 145, 170 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(182, 145, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 145, 170)  
}
```

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(182, 145, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 145, 170) }
```

Border

The CSS property to change the border of an element to RYB 182, 145, 170 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(182, 145, 170) }
```

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

```
.border{ border-color:rgb(182, 145, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 145, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 145, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 145, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 145,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 182, 145, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 145, 170) }
```

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

```
.background{ background-color: rgb(182,  
145, 170) }
```

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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