

Converting Colors

`RYB(184, 182, 224)`

Have a look what the booklet for
RYB(184, 182, 224) contains.

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Color

$\text{RYB}(184, 182, 224)$

Conversions

Conversions Part 1

Format	Color
Hex	B8B6E0
RGB	184, 182, 224
RGB Percent	72%, 71%, 88%
CMY	0.2784, 0.2863, 0.1216
CMYK	0.18, 0.19, 0.00, 0.12
HSL	243°, 40%, 80%
HSV	243°, 19%, 88%
XYZ	49.9497, 49.0281, 77.3517
YIQ	187.3860, -12.2900, 13.4860

Conversions

Conversions Part 2

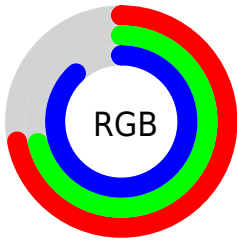
Format	Color
RYB	184, 182, 224
Decimal	12105440
CIELab	75.47, 9.23, -20.75
CIELCh	75, 22.712, 293.978
Yxy	49.0281, 0.2833, 0.2780
Android (android.graphics.Color)	4290295520 (0xFFB8B6E0)
YUV	187.3860, 18.0507, -2.9695
Hunter-Lab	70.0200, 4.8001, -16.4841

Details

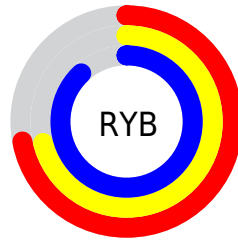
The RYB color **184, 182, 224** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **182, 224, 184**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **240, 238, 255**, and **130, 129, 169** is the 20% darker color. If you saturate the color by 10%, you get **163, 160, 224**, and if you desaturate by 10%, it is **205, 204, 224**.

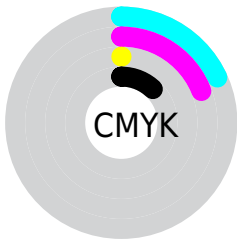
Distribution



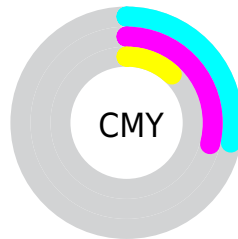
- Red (72%)
- Green (71%)
- Blue (88%)



- Red (72%)
- Yellow (71%)
- Blue (88%)



- Cyan (18%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)




- Cyan (28%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 182, 224 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 184, 182, 224 by changing the saturation by 10% instead.


 184, 182, 224

255, 255, 255


 240, 238, 255

 184, 182, 224


 157, 155, 196

 130, 129, 169

 105, 104, 142

 80, 80, 116

 56, 57, 92

 33, 36, 68

 12, 15, 46

 0, 1, 25

 0, 0, 0

■ 184, 182, 224

■ 184, 182, 224

■ 163, 160, 224

■ 205, 204, 224

■ 141, 137, 224

■ 224, 227, 224

■ 120, 115, 224

■ 224, 249, 225

■ 99, 92, 224

■ 224, 255, 224

■ 77, 70, 224

■ 56, 48, 224

■ 35, 25, 224

■ 13, 3, 224

■ 11, 0, 224

Harmonies

Analogous

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



156, 179, 227



184, 182, 224



209, 175, 211

Triad

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



184, 182, 224



222, 188, 153



139, 173, 198

Complementary

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



184, 182, 224



182, 224, 184

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.



160, 194, 195



184, 182, 224



182, 206, 145

Square

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



184, 182, 224



229, 172, 170



147, 190, 153



128, 164, 202

Rectangle

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



184, 182, 224



221, 172, 198



147, 190, 153



145, 178, 197

Sweetspot

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



184, 182, 224



240, 240, 255



182, 203, 224



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 182, 224



199, 196, 255



204, 182, 224



102, 101, 112



8, 0, 176



2, 0, 48

Inverse Universe

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



224, 182, 222



255, 196, 252



182, 224, 204



112, 101, 112



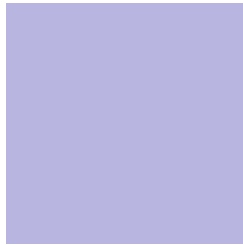
176, 0, 168



48, 0, 46

Previews

White Background



This preview shows how the RYB color 184, 182, 224 looks on a white background.

Color Contrast Check

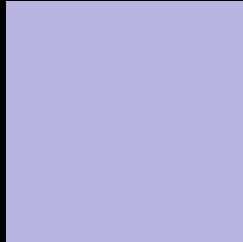
Large Text (above 18pt) WCAG AA × Fail

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 184, 182, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

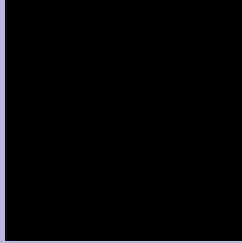
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 184, 182, 224 Background



This preview shows how black text looks on a background with the RYB color 184, 182, 224.



This preview shows how white text looks on a background with the RYB color 184, 182, 224.

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](#).

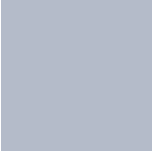
Dichromacy



Original Color
184, 182, 224

Protanopia
177, 183, 225

Deuteranopia
185, 182, 224



Tritanopia
180, 185, 201

Trichromacy



Original Color

184, 182, 224

Protanomaly

180, 183, 225

Deuteranomaly

185, 182, 224

Tritanomaly

181, 185, 209

Monochromacy



Original Color

184, 182, 224

Achromatopsia

187, 187, 187

Achromatomaly

186, 185, 200

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 182, 224 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(184, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 224)  
}
```

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(184, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 224) }
```

Border

The CSS property to change the border of an element to RYB 184, 182, 224 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(184, 182, 224) }
```

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

```
.border{ border-color:rgb(184, 182, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 182, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 184, 182, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 224) }
```

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

```
.background{ background-color: rgb(184,  
182, 224) }
```

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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