

Converting Colors

`RYB(184, 187, 229)`

Have a look what the booklet for
RYB(184, 187, 229) contains.

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Color

R_YB(184, 187, 229)

Conversions

Conversions Part 1

Format	Color
Hex	B8BBE5
RGB	184, 187, 229
RGB Percent	72%, 73%, 90%
CMY	0.2784, 0.2658, 0.1020
CMYK	0.20, 0.18, 0.00, 0.10
HSL	236°, 46%, 81%
HSV	236°, 20%, 90%
XYZ	51.7258, 51.4791, 81.3390
YIQ	190.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

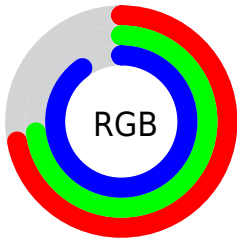
Format	Color
RYB	184, 187, 229
Decimal	12106725
CIELab	76.97, 7.49, -21.18
CIELCh	77, 22.468, 289.482
Yxy	51.4791, 0.2803, 0.2790
Android (android.graphics.Color)	4290296805 (0xFFB8BBE5)
YUV	190.8910, 18.7877, -6.0434
Hunter-Lab	71.7490, 3.1250, -16.9905

Details

The RYB color **184, 187, 229** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **187, 229, 184**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **240, 243, 255**, and **130, 134, 173** is the 20% darker color. If you saturate the color by 10%, you get **161, 166, 229**, and if you desaturate by 10%, it is **207, 208, 229**.

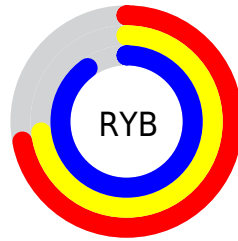
Distribution



Red (72%)

Green (73%)

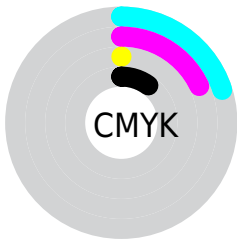
Blue (90%)



Red (72%)

Yellow (73%)

Blue (90%)

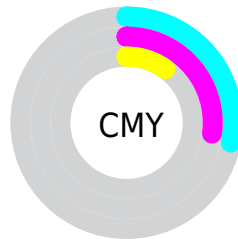


Cyan (20%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (27%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 187, 229 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, 187, 229 by changing the saturation by 10% instead.

■ 184, 187, 229

255, 255, 255

■ 240, 243, 255

■ 184, 187, 229

■ 157, 160, 201

■ 130, 134, 173

■ 105, 109, 147

■ 80, 84, 121

■ 56, 61, 96

■ 33, 39, 72

■ 9, 18, 49

■ 0, 2, 28

■ 0, 0, 0

■ 184, 187, 229

■ 184, 187, 229

■ 161, 166, 229

■ 207, 208, 229

■ 138, 145, 229

■ 229, 230, 229

■ 115, 122, 229

■ 231, 253, 229

■ 92, 101, 229

■ 229, 255, 229

■ 69, 80, 229

■ 47, 59, 229

■ 24, 37, 229

■ 1, 16, 229

■ 0, 15, 229

Harmonies

Analogous

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



156, 181, 230



184, 187, 229



210, 180, 217

Triad

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



184, 187, 229



228, 189, 159



146, 179, 201

Complementary

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



184, 187, 229



187, 229, 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.



163, 198, 193



184, 187, 229



197, 213, 150

Square

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



184, 187, 229



233, 176, 177



151, 193, 152



133, 168, 203

Rectangle

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



184, 187, 229



223, 177, 205



151, 193, 152



153, 186, 201

Sweetspot

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



184, 187, 229



240, 241, 255



184, 208, 229



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 187, 229



194, 198, 255



203, 184, 229



103, 104, 115



0, 12, 179



0, 4, 51

Inverse Universe

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



229, 184, 187



255, 194, 198



184, 229, 203



115, 103, 104



179, 0, 13



51, 0, 4

Previews

White Background



This preview shows how the RYB color 184, 187, 229 looks on a white background.

Color Contrast Check

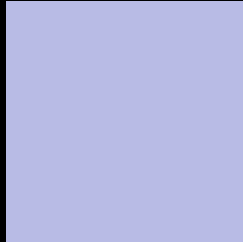
Large Text (above 18pt) WCAG AA × Fail

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, 187, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

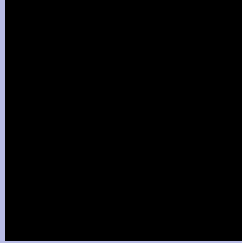
Any Text WCAG AA ✓ Pass

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 184, 187, 229 Background



This preview shows how black text looks on a background with the RYB color 184, 187, 229.



This preview shows how white text looks on a background with the RYB color 184, 187, 229.

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](#).

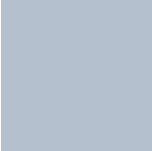
Dichromacy



Original Color
184, 187, 229

Protanopia
181, 187, 230

Deuteranopia
189, 186, 229



Tritanopia
180, 188, 206

Trichromacy



Original Color
184, 187, 229

Protanomaly
182, 187, 230

Deuteranomaly
187, 186, 229

Tritanomaly
181, 188, 214

Monochromacy



Original Color
184, 187, 229

Achromatopsia
191, 191, 191

Achromatomaly
188, 190, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 187, 229 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, 187, 229)` looks like.

```
.text, #text, p{  
    color:rgb(184, 187, 229)  
}
```

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, 187, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 187, 229) }
```

Border

The CSS property to change the border of an element to RYB 184, 187, 229 is called "border". The border property can be set on classes, ids or directly on the HTML element.

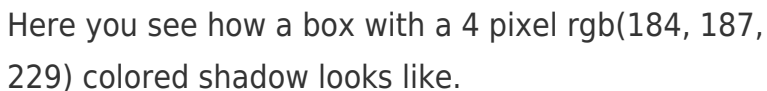
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 187, 229) }
```

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

```
.border{ border-color:rgb(184, 187, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 187, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 187, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 187, 229); box-shadow:4px 4px 4px 4px rgb(184, 187, 229) }
```

Background

The CSS property to change the background color of an element to RYB 184, 187, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 187, 229) }
```

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

```
.background{ background-color: rgb(184,  
187, 229) }
```

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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