

Converting Colors

`RYB(187, 184, 245)`

Have a look what the booklet for
RYB(187, 184, 245) contains.

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Color

R_YB(187, 184, 245)

Conversions

Conversions Part 1

Format	Color
Hex	BBB8F5
RGB	187, 184, 245
RGB Percent	73%, 72%, 96%
CMY	0.2667, 0.2784, 0.0392
CMYK	0.24, 0.25, 0.00, 0.04
HSL	243°, 75%, 84%
HSV	243°, 25%, 96%
XYZ	54.1154, 51.4383, 93.4626
YIQ	191.8510, -17.7930, 19.6070

Conversions

Conversions Part 2

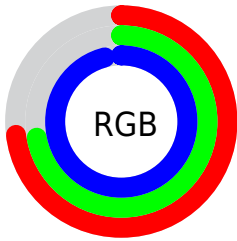
Format	Color
R _Y B	187, 184, 245
Decimal	12302581
CIE Lab	76.94, 13.79, -29.83
CIE LCh	77, 32.860, 294.815
Yxy	51.4383, 0.2719, 0.2585
Android (android.graphics.Color)	4290492661 (0xFFBBB8F5)
YUV	191.8510, 26.2025, -4.2543
Hunter-Lab	71.7205, 9.1730, -27.0594

Details

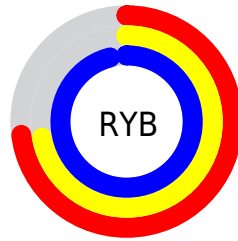
The RYB color **187, 184, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **184, 245, 187**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **244, 240, 255**, and **133, 131, 189** is the 20% darker color. If you saturate the color by 10%, you get **164, 160, 245**, and if you desaturate by 10%, it is **210, 209, 245**.

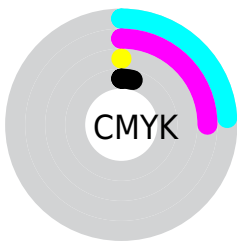
Distribution



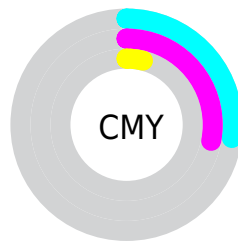
- Red (73%)
- Green (72%)
- Blue (96%)



- Red (73%)
- Yellow (72%)
- Blue (96%)



- Cyan (24%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 187, 184, 245 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 187, 184, 245 by changing the saturation by 10% instead.

■ 187, 184, 245

255, 255, 255

■ 244, 240, 255

■ 187, 184, 245

■ 159, 157, 216

■ 133, 131, 189

■ 107, 106, 161

■ 81, 82, 135

■ 56, 59, 109


■ 31, 36, 85


■ 3, 14, 61

■ 0, 2, 39


■ 0, 1, 17

 187, 184, 245

 187, 184, 245

 164, 160, 245

 210, 209, 245


 140, 135, 245

 234, 233, 245

 117, 110, 245

 245, 255, 245

 94, 86, 245

 71, 61, 245

 47, 37, 245

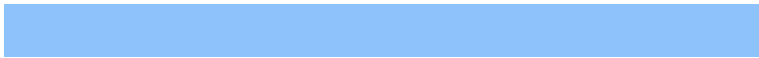
 24, 12, 245

 12, 0, 245

Harmonies

Analogous

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



142, 177, 250



187, 184, 245



224, 174, 225

Triad

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



187, 184, 245



240, 195, 141



115, 167, 206

Complementary

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



187, 184, 245



184, 245, 187

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.



150, 199, 203



187, 184, 245



175, 216, 129

Square

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



187, 184, 245



251, 169, 166



134, 196, 145



92, 151, 214

Rectangle

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



187, 184, 245



240, 169, 207



134, 196, 145



126, 176, 206

Sweetspot

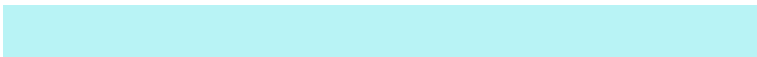
The Sweet Spot groups the original color and five complimentary colors.



187, 184, 245



238, 237, 255



184, 214, 245



118, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



187, 184, 245



182, 179, 255



217, 184, 245



111, 110, 122



9, 0, 186



3, 0, 59

Inverse Universe

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



245, 184, 242



255, 179, 251



184, 245, 217



122, 110, 122



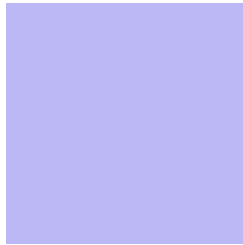
186, 0, 177



59, 0, 56

Previews

White Background



This preview shows how the RYB color 187, 184, 245 looks on a white background.

Color Contrast Check

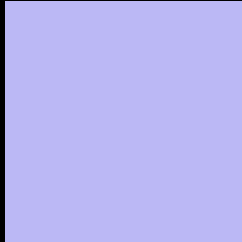
Large Text (above 18pt) WCAG AA × Fail

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 187, 184, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

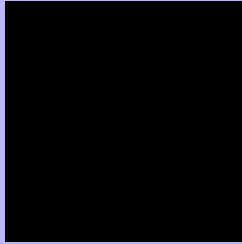
Any Text WCAG AA ✓ Pass

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 187, 184, 245 Background



This preview shows how black text looks on a background with the RYB color 187, 184, 245.

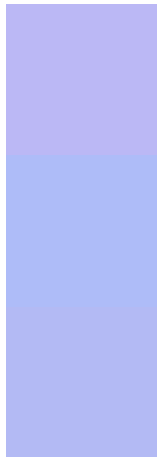


This preview shows how white text looks on a background with the RYB color 187, 184, 245.

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](#).

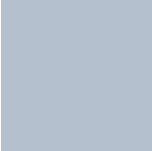
Dichromacy



Original Color
187, 184, 245

Protanopia
174, 186, 248

Deuteranopia
179, 185, 244



Tritanopia
180, 188, 206

Trichromacy



Original Color

187, 184, 245

Protanomaly

179, 186, 247

Deuteranomaly

182, 185, 244

Tritanomaly

183, 187, 220

Monochromacy



Original Color

187, 184, 245

Achromatopsia

192, 192, 192

Achromatomaly

190, 189, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 184, 245 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(187, 184, 245)` looks like.

```
.text, #text, p{  
    color:rgb(187, 184, 245)  
}
```

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(187, 184, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 184, 245) }
```

Border

The CSS property to change the border of an element to RYB 187, 184, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

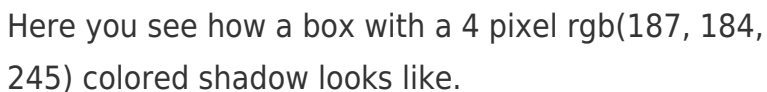
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 184, 245) }
```

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

```
.border{ border-color:rgb(187, 184, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 184, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 184, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 184, 245); box-shadow:4px 4px 4px 4px rgb(187, 184, 245) }
```

Background

The CSS property to change the background color of an element to RYB 187, 184, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 184, 245) }
```

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

```
.background{ background-color: rgb(187,  
184, 245) }
```

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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