

Converting Colors

`RYB(184, 195, 245)`

Have a look what the booklet for
RYB(184, 195, 245) contains.

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Color

R_YB(184, 195, 245)

Conversions

Conversions Part 1

Format	Color
Hex	B8C5F5
RGB	184, 197, 245
RGB Percent	72%, 77%, 96%
CMY	0.2784, 0.2258, 0.0392
CMYK	0.25, 0.19, 0.00, 0.04
HSL	227°, 75%, 84%
HSV	227°, 25%, 96%
XYZ	56.3104, 56.9064, 94.4024
YIQ	198.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

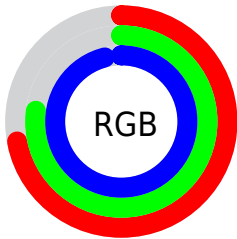
Format	Color
RYB	184, 195, 245
Decimal	12109301
CIELab	80.13, 5.60, -24.97
CIELCh	80, 25.593, 282.637
Yxy	56.9064, 0.2712, 0.2741
Android (android.graphics.Color)	4290299381 (0xFFB8C5F5)
YUV	198.5850, 22.8826, -12.7910
Hunter-Lab	75.4364, 1.2298, -21.3911

Details

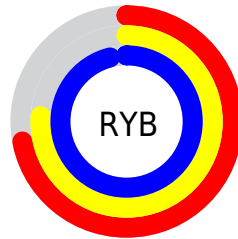
The RYB color **184, 195, 245** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **201, 245, 184**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **241, 248, 255**, and **130, 141, 189** is the 20% darker color. If you saturate the color by 10%, you get **160, 175, 245**, and if you desaturate by 10%, it is **209, 216, 245**.

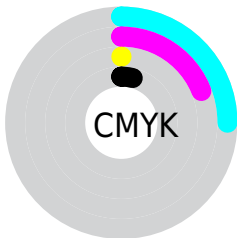
Distribution



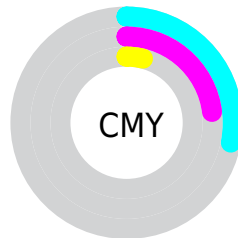
- Red (72%)
- Green (77%)
- Blue (96%)



- Red (72%)
- Yellow (76%)
- Blue (96%)



- Cyan (25%)
- Magenta (19%)
- Yellow (0%)
- Black (4%)



- Cyan (28%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 195, 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 184, 195, 245 by changing the saturation by 10% instead.


 184, 195, 245


255, 255, 255

 241, 248, 255

 184, 195, 245

 157, 168, 216

 130, 141, 189

 104, 115, 161

 78, 90, 135

 54, 66, 110

 28, 43, 85

 0, 19, 62

 0, 0, 40

 0, 1, 18

■ 184, 195, 245

■ 184, 195, 245

■ 160, 175, 245

■ 209, 216, 245

■ 135, 155, 245

■ 233, 235, 245

■ 110, 135, 245

■ 245, 255, 245

■ 86, 115, 245

■ 61, 95, 245

■ 37, 75, 245

■ 12, 55, 245

■ 0, 44, 245

Harmonies

Analogous

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



152, 186, 244



184, 195, 245



215, 189, 234

Triad

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



184, 195, 245



244, 190, 167



153, 191, 211

Complementary

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



184, 195, 245



201, 245, 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, 207, 191



184, 195, 245



227, 229, 154

Square

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



184, 195, 245



248, 182, 189



159, 206, 152



134, 174, 212

Rectangle

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



184, 195, 245



232, 185, 221



159, 206, 152



161, 199, 210

Sweetspot

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



184, 195, 245



237, 240, 255



184, 218, 245



117, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 195, 245



179, 192, 255



200, 184, 245



110, 112, 122



0, 34, 186



0, 11, 59

Inverse Universe

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



245, 184, 197



255, 179, 195



184, 245, 200



122, 110, 113



186, 0, 41



59, 0, 13

Previews

White Background



This preview shows how the RYB color 184, 195, 245 looks on a white background.

Color Contrast Check

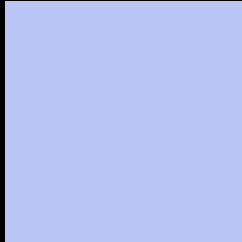
Large Text (above 18pt) WCAG AA × Fail

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 184, 195, 245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

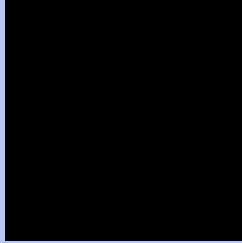
Any Text WCAG AA ✓ Pass

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 184, 195, 245 Background



This preview shows how black text looks on a background with the RYB color 184, 195, 245.



This preview shows how white text looks on a background with the RYB color 184, 195, 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](#).

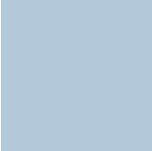
Dichromacy



Original Color
184, 195, 245

Protanopia
187, 196, 244

Deuteranopia
194, 194, 246



Tritanopia
179, 193, 218

Trichromacy



Original Color
184, 195, 245

Protanomaly
186, 195, 244

Deuteranomaly
190, 195, 246

Tritanomaly
181, 195, 228

Monochromacy



Original Color
184, 195, 245

Achromatopsia
199, 199, 199

Achromatomaly
194, 197, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 195, 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(184, 197, 245)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 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(184, 197, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 245) }
```

Border

The CSS property to change the border of an element to RYB 184, 195, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

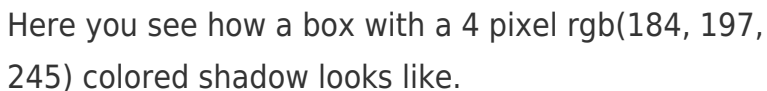
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 197, 245) }
```

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

```
.border{ border-color:rgb(184, 197, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 197, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 197, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 197, 245); box-shadow:4px 4px 4px 4px rgb(184, 197, 245) }
```

Background

The CSS property to change the background color of an element to RYB 184, 195, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 245) }
```

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

```
.background{ background-color: rgb(184,  
197, 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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