

Converting Colors

`RYB(195, 203, 244)`

Have a look what the booklet for
RYB(195, 203, 244) contains.

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Color

R_YB(195, 203, 244)

Conversions

Conversions Part 1

Format	Color
Hex	C3CDF4
RGB	195, 205, 244
RGB Percent	76%, 80%, 96%
CMY	0.2353, 0.1978, 0.0431
CMYK	0.20, 0.16, 0.00, 0.04
HSL	228°, 69%, 86%
HSV	228°, 20%, 96%
XYZ	60.5613, 61.5866, 94.2834
YIQ	206.4560, -18.4790, 10.0090

Conversions

Conversions Part 2

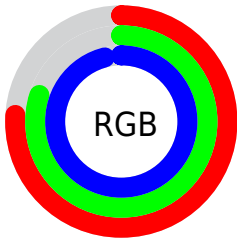
Format	Color
RYB	195, 203, 244
Decimal	12832244
CIELab	82.69, 4.85, -20.47
CIELCh	83, 21.035, 283.330
Yxy	61.5866, 0.2798, 0.2846
Android (android.graphics.Color)	4291022324 (0xFFC3CDF4)
YUV	206.4560, 18.5092, -10.0469
Hunter-Lab	78.4772, 0.4144, -16.2977

Details

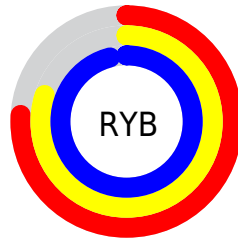
The RYB color **195, 203, 244** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **208, 244, 195**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 252, 254, 255, and **141, 149, 188** is the 20% darker color. If you saturate the color by 10%, you get **171, 183, 244**, and if you desaturate by 10%, it is **219, 223, 244**.

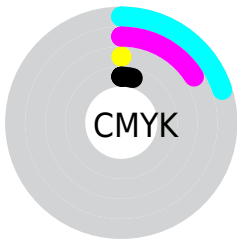
Distribution



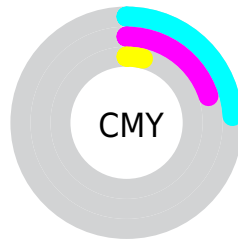
- Red (76%)
- Green (80%)
- Blue (96%)



- Red (76%)
- Yellow (80%)
- Blue (96%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 203, 244 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 195, 203, 244 by changing the saturation by 10% instead.

■ 195, 203, 244

255, 255, 255

■ 252, 254, 255

■ 195, 203, 244

■ 167, 175, 216

■ 141, 149, 188

■ 115, 123, 161

■ 89, 98, 134

■ 65, 74, 109

■ 41, 50, 85

■ 18, 29, 61

■ 0, 7, 39

■ 0, 1, 17

■ 195, 203, 244

■ 195, 203, 244

■ 171, 183, 244

■ 219, 223, 244

■ 146, 162, 244

■ 244, 244, 244

■ 122, 142, 244

■ 244, 255, 244

■ 97, 121, 244

■ 73, 101, 244

■ 49, 81, 244

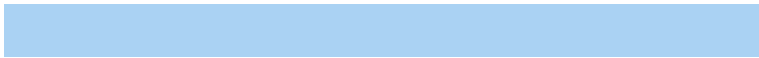
■ 24, 60, 244

■ 0, 40, 244

Harmonies

Analogous

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



170, 196, 243



195, 203, 244



220, 198, 235

Triad

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



195, 203, 244



244, 200, 180



168, 199, 216

Complementary

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



195, 203, 244



208, 244, 195

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.



177, 213, 201



195, 203, 244



225, 231, 168

Square

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



195, 203, 244



247, 192, 198



173, 212, 167



155, 187, 217

Rectangle

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



195, 203, 244



234, 194, 224



173, 212, 167



175, 206, 216

Sweetspot

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



195, 203, 244



240, 243, 255



195, 222, 244



119, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



195, 203, 244



194, 204, 255



210, 195, 244



110, 112, 122



0, 30, 186



0, 9, 59

Inverse Universe

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



244, 195, 205



255, 194, 206



195, 244, 210



122, 110, 113



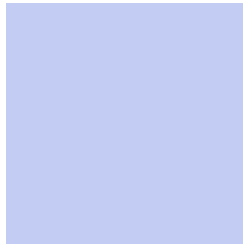
186, 0, 36



59, 0, 11

Previews

White Background



This preview shows how the RYB color 195, 203, 244 looks on a white background.

Color Contrast Check

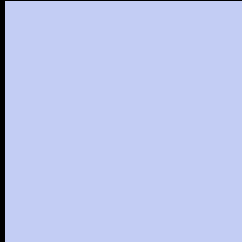
Large Text (above 18pt) WCAG AA × Fail

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 195, 203, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

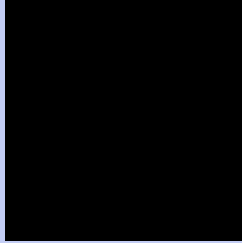
Any Text WCAG AA ✓ Pass

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 195, 203, 244 Background



This preview shows how black text looks on a background with the RYB color 195, 203, 244.

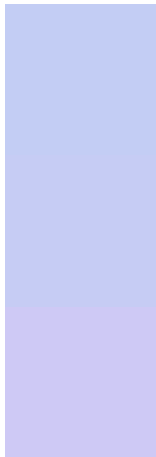


This preview shows how white text looks on a background with the RYB color 195, 203, 244.

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
195, 203, 244

Protanopia
198, 203, 244

Deuteranopia
206, 201, 245



Tritanopia
191, 202, 224

Trichromacy



Original Color
195, 203, 244

Protanomaly
197, 203, 244

Deuteranomaly
202, 202, 245

Tritanomaly
192, 203, 231

Monochromacy



Original Color
195, 203, 244

Achromatopsia
206, 206, 206

Achromatomaly
202, 205, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 203, 244 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(195, 205, 244)` looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 244)  
}
```

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(195, 205, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 244) }
```

Border

The CSS property to change the border of an element to RYB 195, 203, 244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

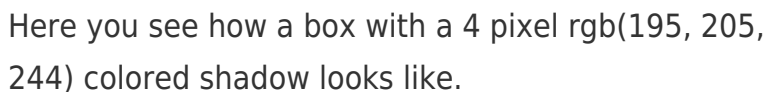
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 205, 244) }
```

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

```
.border{ border-color:rgb(195, 205, 244) }
```

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



Here you see how a box with a 4 pixel rgb(195, 205, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 205, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 205, 244); box-shadow:4px 4px 4px 4px rgb(195, 205, 244) }
```

Background

The CSS property to change the background color of an element to RYB 195, 203, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 244) }
```

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

```
.background{ background-color: rgb(195,  
205, 244) }
```

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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