

Converting Colors

`RYB(183, 188, 251)`

Have a look what the booklet for
RYB(183, 188, 251) contains.

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Color

R_YB(183, 188, 251)

Conversions

Conversions Part 1

Format	Color
Hex	B7BCFB
RGB	183, 188, 251
RGB Percent	72%, 74%, 98%
CMY	0.2824, 0.2612, 0.0157
CMYK	0.27, 0.25, 0.00, 0.02
HSL	235°, 89%, 85%
HSV	235°, 27%, 98%
XYZ	55.0091, 53.1685, 98.6300
YIQ	193.6870, -23.2030, 18.5330

Conversions

Conversions Part 2

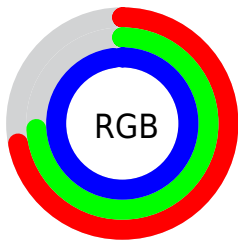
Format	Color
R_{YB}	183, 188, 251
Decimal	12041467
CIE _{Lab}	77.97, 11.62, -31.49
CIE _{LCh}	78, 33.564, 290.251
Yxy	53.1685, 0.2660, 0.2571
Android (android.graphics.Color)	4290231547 (0xFFB7BCFB)
YUV	193.6870, 28.2553, -9.3725
Hunter-Lab	72.9168, 7.0579, -29.1562

Details

The RYB color **183, 188, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **188, 251, 183**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **240, 243, 255**, and **129, 134, 194** is the 20% darker color. If you saturate the color by 10%, you get **158, 165, 251**, and if you desaturate by 10%, it is **208, 212, 251**.

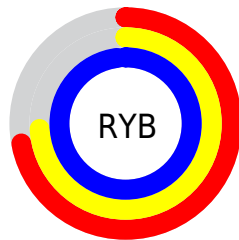
Distribution



Red (72%)

Green (74%)

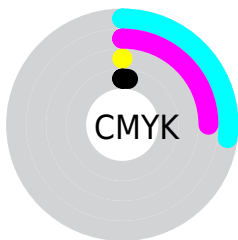
Blue (98%)



Red (72%)

Yellow (74%)

Blue (98%)

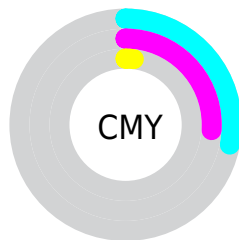


Cyan (27%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (26%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 188, 251 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 183, 188, 251 by changing the saturation by 10% instead.

■ 183, 188, 251

255, 255, 255

■ 240, 244, 255

■ 183, 188, 251

■ 155, 161, 222

■ 129, 134, 194

■ 102, 109, 167

■ 76, 85, 140

■ 51, 61, 115

■ 24, 38, 90

■ 0, 16, 66

■ 0, 1, 44

■ 0, 1, 22

■ 183, 188, 251

■ 183, 188, 251

■ 158, 165, 251

■ 208, 212, 251

■ 133, 141, 251

■ 233, 235, 251

■ 108, 118, 251

■ 251, 255, 251

■ 83, 95, 251

■ 58, 72, 251

■ 32, 49, 251

■ 7, 25, 251

■ 0, 19, 251

Harmonies

Analogous

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



137, 178, 254



183, 188, 251



223, 178, 233

Triad

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



183, 188, 251



246, 191, 146



121, 173, 209

Complementary

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



183, 188, 251



188, 251, 183

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.



152, 205, 200



183, 188, 251



194, 224, 132

Square

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



183, 188, 251



255, 170, 173



134, 197, 138



94, 153, 213

Rectangle

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



183, 188, 251



241, 172, 215



134, 197, 138



133, 183, 208

Sweetspot

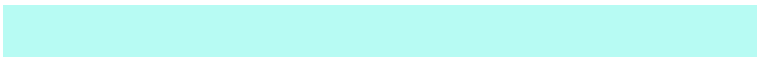
The Sweet Spot groups the original color and five complimentary colors.



183, 188, 251



235, 236, 255



183, 219, 251



115, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



183, 188, 251



171, 177, 255



211, 183, 251



112, 113, 125



0, 14, 189



0, 5, 61

Inverse Universe

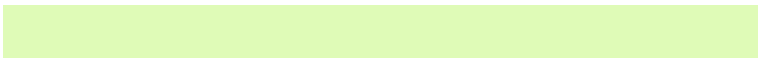
The Inverse Universe completely reimagines the original color for something new.



251, 183, 188



255, 171, 178



183, 251, 211



125, 112, 113



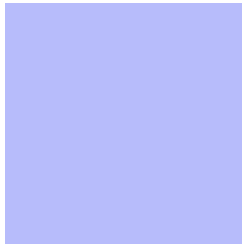
189, 0, 15



61, 0, 5

Previews

White Background



This preview shows how the RYB color 183, 188, 251 looks on a white background.

Color Contrast Check

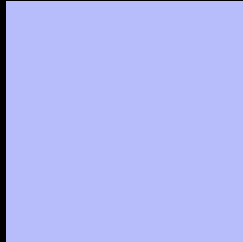
Large Text (above 18pt) WCAG AA × Fail

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 183, 188, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

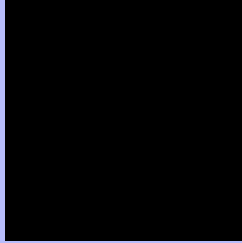
Any Text WCAG AA ✓ Pass

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 183, 188, 251 Background



This preview shows how black text looks on a background with the RYB color 183, 188, 251.



This preview shows how white text looks on a background with the RYB color 183, 188, 251.

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](#).

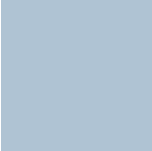
Dichromacy



Original Color
183, 188, 251

Protanopia
176, 188, 252

Deuteranopia
180, 188, 251



Tritanopia
175, 188, 211

Trichromacy



Original Color
183, 188, 251

Protanomaly
179, 188, 252

Deuteranomaly
181, 188, 251

Tritanomaly
178, 189, 226

Monochromacy



Original Color
183, 188, 251

Achromatopsia
194, 194, 194

Achromatomaly
190, 192, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 188, 251 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(183, 188, 251)` looks like.

```
.text, #text, p{  
    color:rgb(183, 188, 251)  
}
```

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(183, 188, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 188, 251) }
```

Border

The CSS property to change the border of an element to RYB 183, 188, 251 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(183, 188, 251) }
```

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

```
.border{ border-color:rgb(183, 188, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 188, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 188, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 188, 251);  
box-shadow:4px 4px 4px 4px rgb(183, 188,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 183, 188, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 188, 251) }
```

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

```
.background{ background-color: rgb(183,  
188, 251) }
```

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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