

Converting Colors

`RYB(181, 202, 240)`

Have a look what the booklet for
RYB(181, 202, 240) contains.

RYB(181, 202, 240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(181, 202, 240)

Conversions

Conversions Part 1

Format	Color
Hex	B5D6F0
RGB	181, 214, 240
RGB Percent	71%, 84%, 94%
CMY	0.2902, 0.1623, 0.0588
CMYK	0.25, 0.11, 0.00, 0.06
HSL	207°, 66%, 83%
HSV	207°, 25%, 94%
XYZ	58.7310, 64.0086, 91.6975
YIQ	207.0970, -28.0140, 1.0900

Conversions

Conversions Part 2

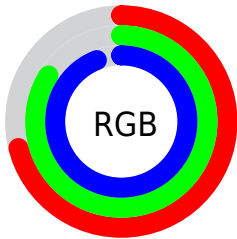
Format	Color
R _Y B	181, 202, 240
Decimal	11917040
CIE Lab	83.97, -5.03, -16.51
CIE LCh	84, 17.258, 253.042
Yxy	64.0086, 0.2739, 0.2985
Android (android.graphics.Color)	4290107120 (0xFFB5D6F0)
YUV	207.0970, 16.2212, -22.8871
Hunter-Lab	80.0054, -8.9746, -11.9510

Details

The RYB color **181, 202, 240** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **240, 227, 181**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **238, 247, 255**, and **127, 147, 184** is the 20% darker color. If you saturate the color by 10%, you get **157, 187, 240**, and if you desaturate by 10%, it is **205, 217, 240**.

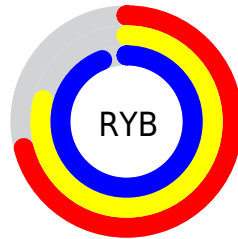
Distribution



Red (71%)

Green (84%)

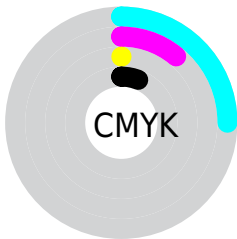
Blue (94%)



Red (71%)

Yellow (79%)

Blue (94%)

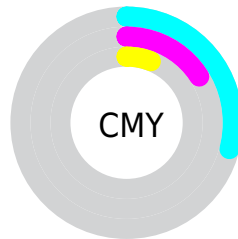


Cyan (25%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (29%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 202, 240 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 181, 202, 240 by changing the saturation by 10% instead.

■ 181, 202, 240

255, 255, 255

■ 238, 247, 255

■ 181, 202, 240

■ 154, 175, 212

■ 127, 147, 184

■ 101, 121, 157

■ 76, 96, 131

■ 51, 71, 106

■ 26, 47, 81

■ 0, 23, 58

■ 0, 12, 37

■ 0, 1, 14

■ 181, 202, 240

■ 181, 202, 240

■ 157, 187, 240

■ 205, 217, 240

■ 133, 171, 240

■ 229, 233, 240

■ 109, 155, 240

■ 253, 251, 240

■ 85, 140, 240

■ 240, 255, 240

■ 61, 125, 240

■ 37, 109, 240

■ 13, 94, 240

■ 0, 86, 240

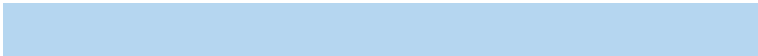
Harmonies

Analogous

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



169, 196, 231



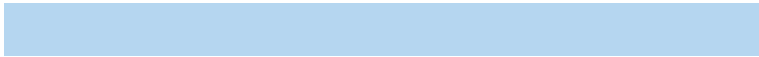
181, 202, 240



201, 207, 241

Triad

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



181, 202, 240



244, 198, 203



185, 215, 204

Complementary

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



181, 202, 240



240, 227, 181

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.



182, 215, 178



181, 202, 240



242, 205, 188

Square

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



181, 202, 240



237, 199, 219



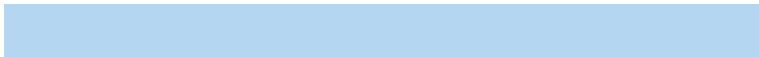
231, 231, 179



179, 205, 218

Rectangle

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



181, 202, 240



215, 205, 237



231, 231, 179



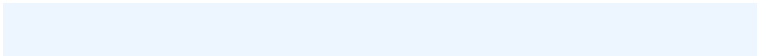
182, 214, 193

Sweetspot

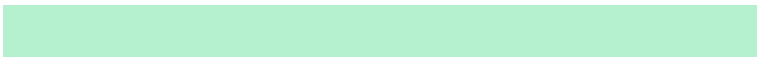
The Sweet Spot groups the original color and five complimentary colors.



181, 202, 240



237, 243, 255



181, 222, 240



117, 121, 128



0, 0, 0



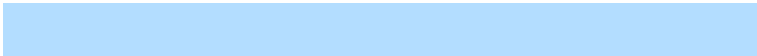
128, 128, 128

Same Dimension

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



181, 202, 240



179, 206, 255



181, 185, 240



108, 112, 120



0, 65, 184



0, 20, 56

Inverse Universe

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



240, 181, 214



255, 179, 221



185, 240, 181



120, 108, 114



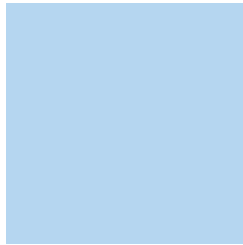
184, 0, 101



56, 0, 31

Previews

White Background



This preview shows how the RYB color 181, 202, 240 looks on a white background.

Color Contrast Check

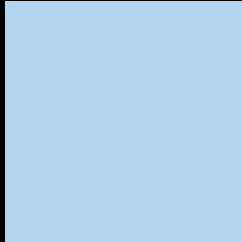
Large Text (above 18pt) WCAG AA × Fail

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 181, 202, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

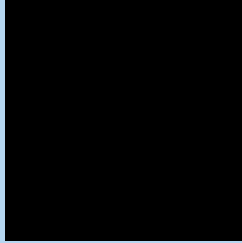
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

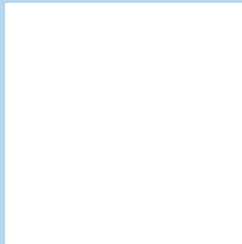
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 181, 202, 240 Background



This preview shows how black text looks on a background with the RYB color 181, 202, 240.

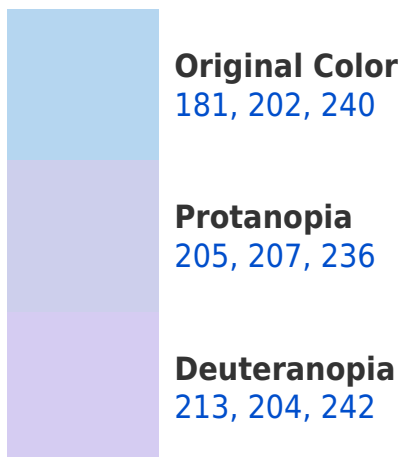


This preview shows how white text looks on a background with the RYB color 181, 202, 240.

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



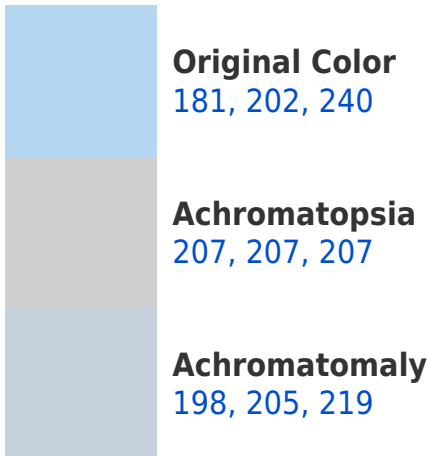


Tritanopia
179, 200, 232

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 202, 240 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(181, 214, 240)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 240)  
}
```

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(181, 214, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 240) }
```

Border

The CSS property to change the border of an element to RYB 181, 202, 240 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(181, 214, 240) }
```

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

```
.border{ border-color:rgb(181, 214, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 240);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 181, 202, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 240) }
```

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

```
.background{ background-color: rgb(181,  
214, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor