

Converting Colors

`RYB(181, 206, 250)`

Have a look what the booklet for RYB(181, 206, 250) contains.

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Color

R_YB(181, 206, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B5DCFA
RGB	181, 220, 250
RGB Percent	71%, 86%, 98%
CMY	0.2902, 0.1365, 0.0196
CMYK	0.28, 0.12, 0.00, 0.02
HSL	206°, 87%, 85%
HSV	206°, 28%, 98%
XYZ	61.9583, 68.0197, 100.3060
YIQ	211.7590, -32.8740, 1.0620

Conversions

Conversions Part 2

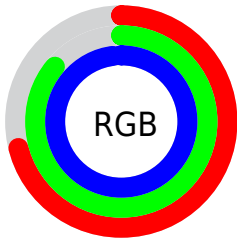
Format	Color
RYB	181, 206, 250
Decimal	11918586
CIELab	86.02, -6.19, -18.71
CIELCh	86, 19.712, 251.695
Yxy	68.0197, 0.2691, 0.2954
Android (android.graphics.Color)	4290108666 (0xFFB5DCFA)
YUV	211.7590, 18.8528, -26.9756
Hunter-Lab	82.4741, -10.2323, -14.3774

Details

The RYB color **181, 206, 250** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **250, 234, 181**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **238, 247, 255**, and **127, 151, 193** is the 20% darker color. If you saturate the color by 10%, you get **156, 190, 250**, and if you desaturate by 10%, it is **206, 222, 250**.

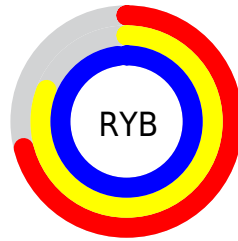
Distribution



Red (71%)

Green (86%)

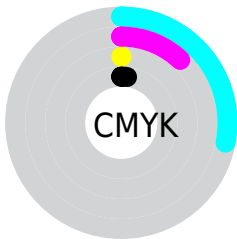
Blue (98%)



Red (71%)

Yellow (81%)

Blue (98%)

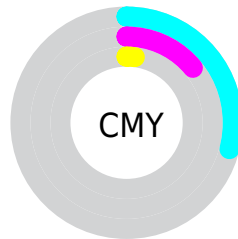


Cyan (28%)

Magenta (12%)

Yellow (0%)

Black (2%)



Cyan (29%)


Magenta (14%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the RYB color 181, 206, 250 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, 206, 250 by changing the saturation by 10% instead.

 181, 206, 250


 181, 206, 250

255, 255, 255

 153, 178, 221


 238, 247, 255

 127, 151, 193


 100, 125, 166

 74, 99, 140

 49, 74, 114

 21, 48, 90

 0, 26, 66

 0, 16, 44

 0, 1, 23

■ 181, 206, 250

■ 181, 206, 250

■ 156, 190, 250

■ 206, 222, 250

■ 131, 174, 250

■ 231, 238, 250

■ 106, 158, 250

■ 253, 255, 250

■ 81, 142, 250

■ 250, 255, 250

■ 56, 126, 250

■ 31, 110, 250

■ 6, 95, 250

■ 0, 91, 250

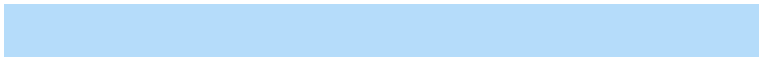
Harmonies

Analogous

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



167, 199, 239



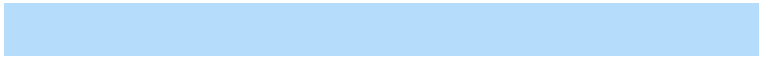
181, 206, 250



204, 212, 251

Triad

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



181, 206, 250



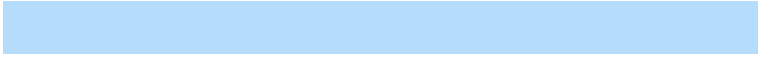
254, 202, 208



187, 222, 208

Complementary

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



181, 206, 250



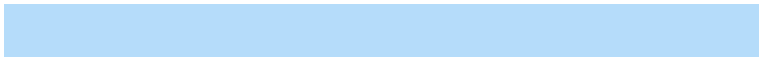
250, 234, 181

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.



186, 222, 179



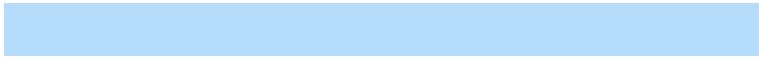
181, 206, 250



252, 209, 191

Square

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



181, 206, 250



246, 203, 227



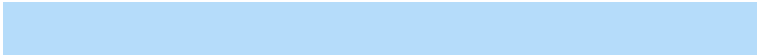
241, 239, 180



181, 210, 225

Rectangle

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



181, 206, 250



220, 210, 247



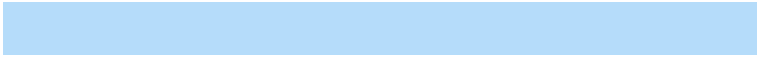
241, 239, 180



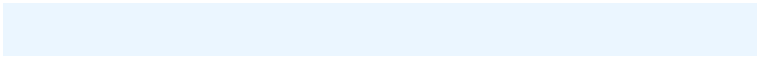
183, 220, 195

Sweetspot

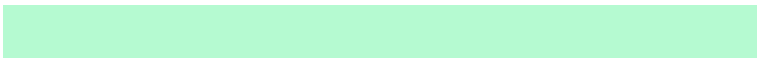
The Sweet Spot groups the original color and five complimentary colors.



181, 206, 250



235, 242, 255



181, 230, 250



115, 120, 128



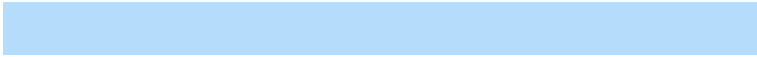
0, 0, 0



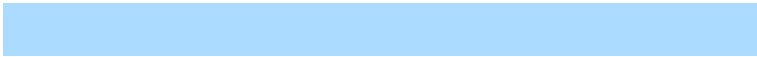
128, 128, 128

Same Dimension

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



181, 206, 250



171, 202, 255



181, 187, 250



112, 117, 125



0, 68, 189



0, 22, 61

Inverse Universe

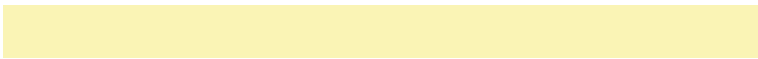
The Inverse Universe completely reimagines the original color for something new.



250, 181, 220



255, 171, 219



188, 250, 181



125, 112, 120



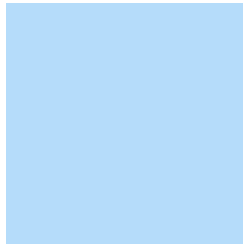
189, 0, 107



61, 0, 35

Previews

White Background



This preview shows how the RYB color 181, 206, 250 looks on a white background.

Color Contrast Check

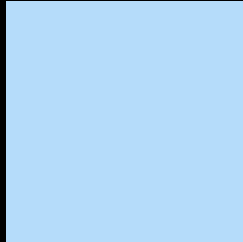
Large Text (above 18pt) WCAG AA × Fail

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, 206, 250 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

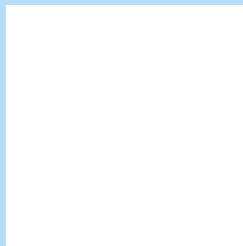
Any Text WCAG AAA ✓ Pass

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

R/Y/B 181, 206, 250 Background



This preview shows how black text looks on a background with the R/Y/B color 181, 206, 250.



This preview shows how white text looks on a background with the R/Y/B color 181, 206, 250.

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



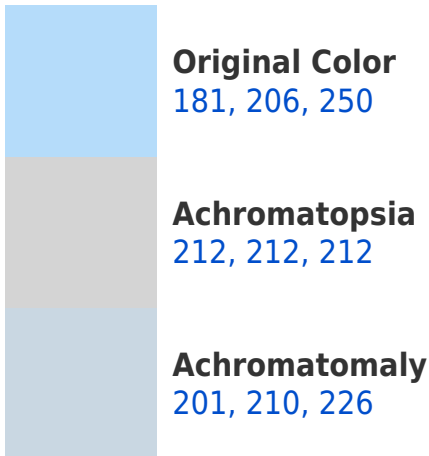


Tritanopia
179, 204, 240

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 206, 250 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, 220, 250)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 250)  
}
```

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, 220, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 250) }
```

Border

The CSS property to change the border of an element to RYB 181, 206, 250 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, 220, 250) }
```

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

```
.border{ border-color:rgb(181, 220, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 250);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 181, 206, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 250) }
```

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

```
.background{ background-color: rgb(181,  
220, 250) }
```

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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