

Converting Colors

`RYB(181, 217, 252)`

Have a look what the booklet for
RYB(181, 217, 252) contains.

RYB(181, 217, 252)	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, 217, 252)

Conversions

Conversions Part 1

Format	Color
Hex	B5FCFA
RGB	181, 252, 250
RGB Percent	71%, 99%, 98%
CMY	0.2902, 0.0118, 0.0195
CMYK	0.28, 0.00, 0.01, 0.01
HSL	178°, 92%, 85%
HSV	178°, 28%, 99%
XYZ	71.1261, 86.3484, 103.3835
YIQ	230.5430, -41.6740, -15.6740

Conversions

Conversions Part 2

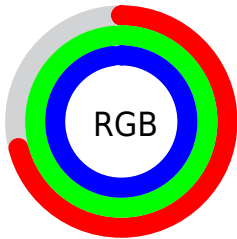
Format	Color
RYB	181, 217, 252
Decimal	11926778
CIELab	94.46, -22.18, -6.12
CIELCh	94, 23.013, 195.433
Yxy	86.3484, 0.2727, 0.3310
Android (android.graphics.Color)	4290116858 (0xFFB5FCFA)
YUV	230.5430, 9.5923, -43.4492
Hunter-Lab	92.9239, -25.9886, -0.9171

Details

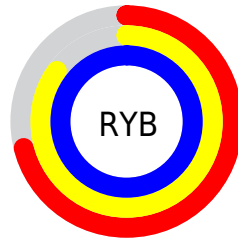
The RYB color **181, 217, 252** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **252, 181, 183**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **239, 247, 255**, and **126, 161, 195** is the 20% darker color. If you saturate the color by 10%, you get **156, 205, 252**, and if you desaturate by 10%, it is **206, 229, 252**.

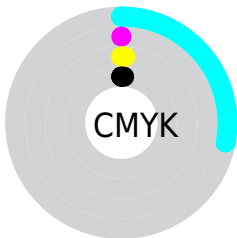
Distribution



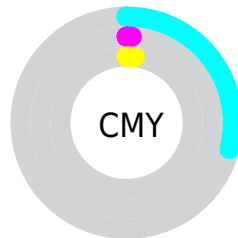
- Red (71%)
- Green (99%)
- Blue (98%)



- Red (71%)
- Yellow (85%)
- Blue (99%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (1%)



- Cyan (29%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 217, 252 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, 217, 252 by changing the saturation by 10% instead.

 181, 217, 252


255, 255, 255


 239, 247, 255

 181, 217, 252

 153, 189, 223


 126, 161, 195

 99, 134, 168


 72, 107, 141

 44, 80, 116

 7, 49, 91

 0, 34, 67

 0, 22, 45


 0, 13, 25


 181, 217, 252

 181, 217, 252

 156, 205, 252


 206, 229, 252

 131, 192, 252


 231, 242, 252

 105, 180, 252


 255, 252, 252

 80, 167, 252

 255, 252, 253

 55, 155, 252

 255, 252, 254

 30, 143, 252

 255, 252, 255

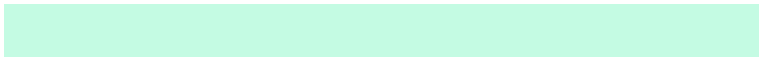
 5, 130, 252

 0, 128, 252

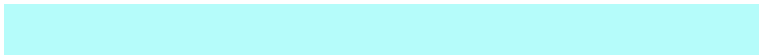
Harmonies

Analogous

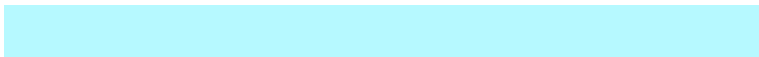
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 231, 251



181, 217, 252



182, 217, 255

Triad

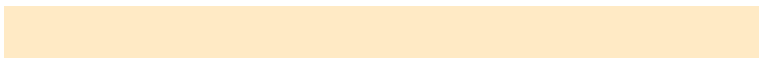
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



181, 217, 252



255, 230, 255



230, 255, 197

Complementary

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



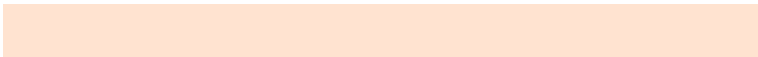
181, 217, 252



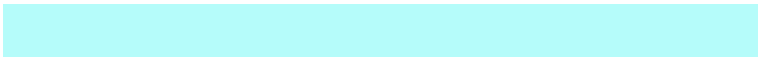
252, 181, 183

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.



255, 240, 208



181, 217, 252



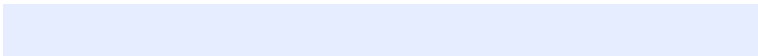
255, 225, 251

Square

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



181, 217, 252



229, 235, 255



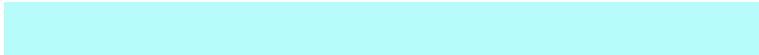
255, 224, 228



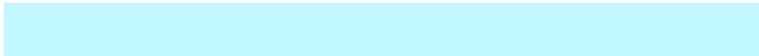
199, 244, 196

Rectangle

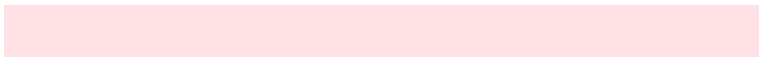
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



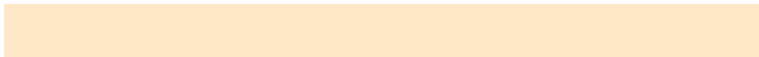
181, 217, 252



193, 222, 255



255, 224, 228



238, 255, 199

Sweetspot

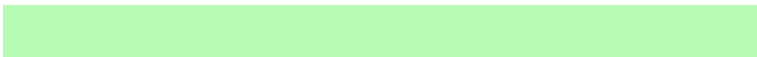
The Sweet Spot groups the original color and five complimentary colors.



181, 217, 252



235, 245, 255



181, 252, 250



115, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

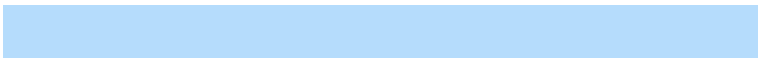
The Same Dimension uses a secret algorithm to generate beautiful new colors.



181, 217, 252



168, 212, 255



181, 206, 252



112, 119, 125



0, 96, 189



0, 31, 61

Inverse Universe

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



252, 181, 183



255, 168, 171



252, 243, 181



125, 112, 113



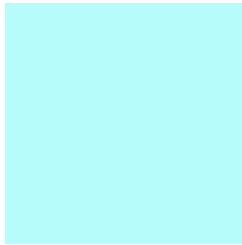
189, 0, 5



61, 0, 2

Previews

White Background



This preview shows how the RYB color 181, 217, 252 looks on a white background.

Color Contrast Check

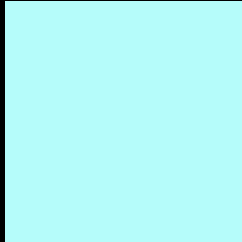
Large Text (above 18pt) WCAG AA × Fail

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, 217, 252 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, 217, 252 Background



This preview shows how black text looks on a background with the RYB color 181, 217, 252.

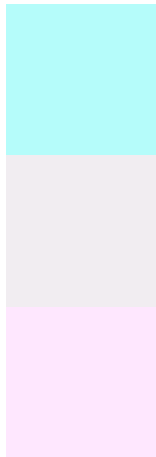


This preview shows how white text looks on a background with the RYB color 181, 217, 252.

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
181, 217, 252

Protanopia
241, 237, 241

Deuteranopia
254, 231, 254



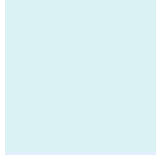
Tritanopia
212, 230, 255

Trichromacy



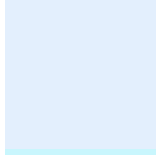
Original Color

181, 217, 252



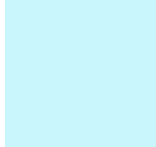
Protanomaly

219, 231, 244



Deuteranomaly

227, 235, 253



Tritanomaly

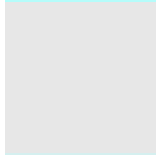
201, 225, 253

Monochromacy



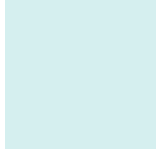
Original Color

181, 217, 252



Achromatopsia

231, 231, 231



Achromatomaly

213, 226, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 217, 252 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, 252, 250)` looks like.

```
.text, #text, p{  
    color:rgb(181, 252, 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, 252, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 252, 250) }
```

Border

The CSS property to change the border of an element to RYB 181, 217, 252 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, 252, 250) }
```

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

```
.border{ border-color:rgb(181, 252, 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, 252, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 252, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 252, 250);  
box-shadow:4px 4px 4px 4px rgb(181, 252,  
250) }
```

Background

The CSS property to change the background color of an element to RYB 181, 217, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 252, 250) }
```

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

```
.background{ background-color: rgb(181,  
252, 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](#).

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