

Converting Colors

`RYB(181, 225, 254)`

Have a look what the booklet for
RYB(181, 225, 254) contains.

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Color

R_YB(181, 225, 254)

Conversions

Conversions Part 1

Format	Color
Hex	B5FEE5
RGB	181, 254, 229
RGB Percent	71%, 100%, 90%
CMY	0.2902, 0.0039, 0.1015
CMYK	0.29, 0.00, 0.10, 0.00
HSL	160°, 97%, 85%
HSV	160°, 29%, 100%
XYZ	68.6566, 86.3709, 87.2646
YIQ	229.3230, -35.4830, -23.2510

Conversions

Conversions Part 2

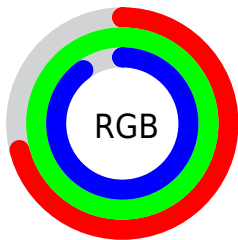
Format	Color
R _{YB}	181, 225, 254
Decimal	11927269
CIE Lab	94.47, -27.54, 4.69
CIE LCh	94, 27.937, 170.334
Yxy	86.3709, 0.2834, 0.3565
Android (android.graphics.Color)	4290117349 (0xFFB5FEE5)
YUV	229.3230, -0.1592, -42.3793
Hunter-Lab	92.9359, -30.7707, 9.3833

Details

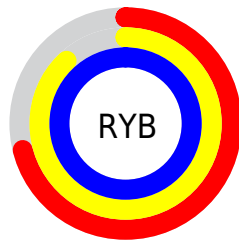
The RYB color **181, 225, 254** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 181, 206**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **238, 247, 255**, and **126, 168, 197** is the 20% darker color. If you saturate the color by 10%, you get **156, 215, 254**, and if you desaturate by 10%, it is **206, 235, 254**.

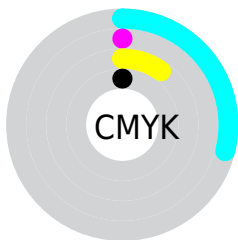
Distribution



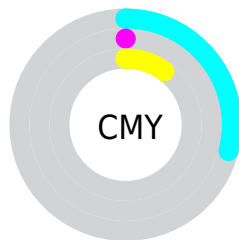
- Red (71%)
- Green (100%)
- Blue (90%)



- Red (71%)
- Yellow (88%)
- Blue (100%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 225, 254 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, 225, 254 by changing the saturation by 10% instead.

 181, 225, 254


255, 255, 255


 238, 247, 255

 181, 225, 254

 153, 196, 225

 126, 168, 197

 99, 141, 170

 73, 115, 143

 46, 87, 117

 14, 58, 92

 0, 39, 68

 0, 27, 45

 0, 21, 24

■ 181, 225, 254

■ 181, 225, 254

■ 156, 215, 254

■ 206, 235, 254

■ 130, 205, 254

■ 232, 245, 254

■ 105, 195, 254

255, 254, 255

■ 79, 185, 254

■ 54, 174, 254

■ 29, 165, 254

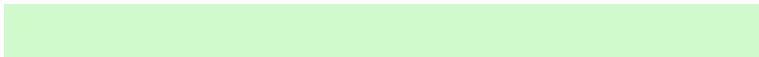
■ 3, 154, 254

■ 0, 153, 254

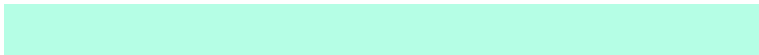
Harmonies

Analogous

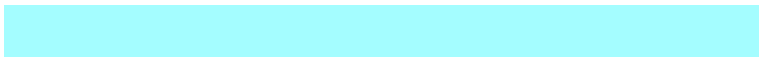
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 250, 245



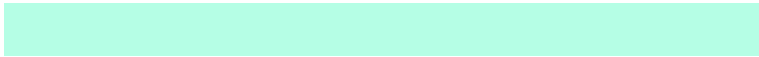
181, 225, 254



164, 209, 255

Triad

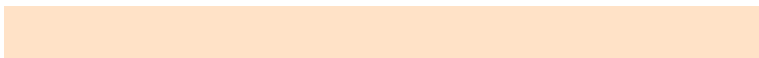
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



181, 225, 254



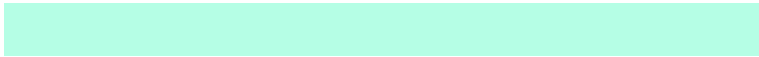
232, 235, 255



255, 251, 199

Complementary

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



181, 225, 254



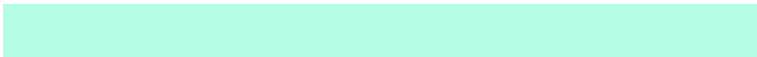
254, 181, 206

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, 221, 222



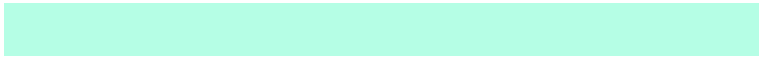
181, 225, 254



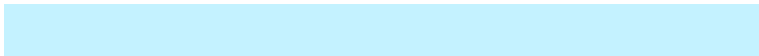
255, 226, 255

Square

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



181, 225, 254



196, 222, 255



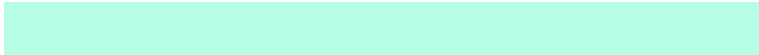
255, 221, 249



216, 255, 186

Rectangle

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



181, 225, 254



165, 209, 255



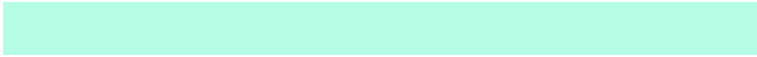
255, 221, 249



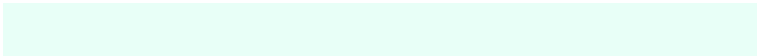
255, 236, 205

Sweetspot

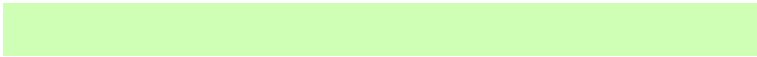
The Sweet Spot groups the original color and five complimentary colors.



181, 225, 254



232, 246, 255



181, 254, 228



113, 122, 128



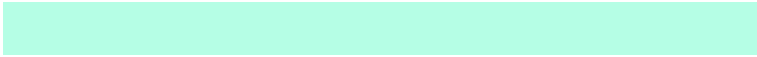
0, 0, 0



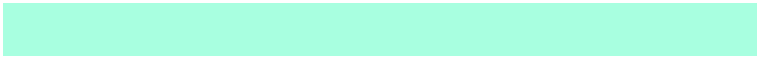
128, 128, 128

Same Dimension

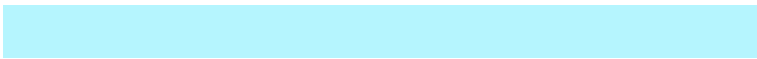
The Same Dimension uses a secret algorithm to generate beautiful new colors.



181, 225, 254



168, 221, 255



181, 215, 254



115, 123, 128



0, 115, 191



0, 39, 64

Inverse Universe

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



254, 181, 206



255, 168, 198



254, 194, 181



128, 115, 119



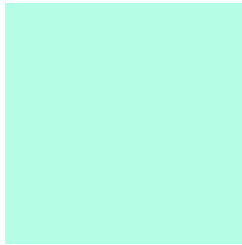
191, 0, 65



64, 0, 22

Previews

White Background



This preview shows how the RYB color 181, 225, 254 looks on a white background.

Color Contrast Check

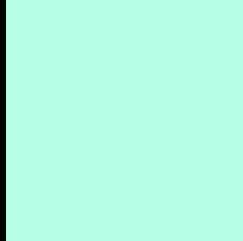
Large Text (above 18pt) WCAG AA × Fail

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, 225, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

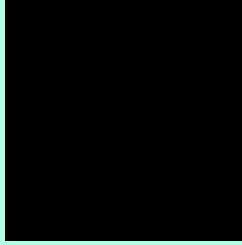
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

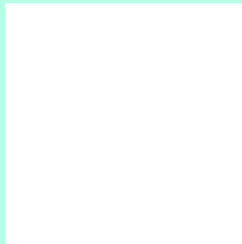
Any Text WCAG AAA ✓ Pass

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

RYB 181, 225, 254 Background



This preview shows how black text looks on a background with the RYB color 181, 225, 254.

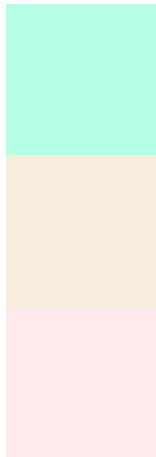


This preview shows how white text looks on a background with the RYB color 181, 225, 254.

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, 225, 254

Protanopia
236, 247, 220

Deuteranopia
255, 233, 235



Tritanopia
213, 231, 255

Trichromacy



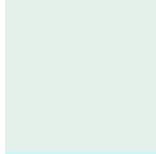
Original Color

181, 225, 254



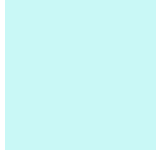
Protanomaly

223, 243, 243



Deuteranomaly

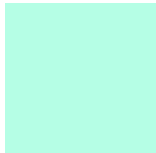
228, 237, 241



Tritanomaly

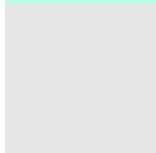
201, 225, 248

Monochromacy



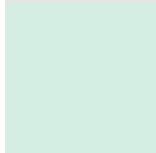
Original Color

181, 225, 254



Achromatopsia

229, 229, 229



Achromatomaly

212, 228, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 225, 254 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, 254, 229)` looks like.

```
.text, #text, p{  
    color:rgb(181, 254, 229)  
}
```

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, 254, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 254, 229) }
```

Border

The CSS property to change the border of an element to RYB 181, 225, 254 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, 254, 229) }
```

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

```
.border{ border-color:rgb(181, 254, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 254, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 254, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 254, 229);  
box-shadow:4px 4px 4px 4px rgb(181, 254,  
229) }
```

Background

The CSS property to change the background color of an element to RYB 181, 225, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 254, 229) }
```

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

```
.background{ background-color: rgb(181,  
254, 229) }
```

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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