

Converting Colors

`RYB(179, 218, 245)`

Have a look what the booklet for
RYB(179, 218, 245) contains.

| | |
|--|----|
| RYB(179, 218, 245) | 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(179, 218, 245)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B3F5E1 |
| RGB | 179, 245, 225 |
| RGB Percent | 70%, 96%, 88% |
| CMY | 0.2980, 0.0392, 0.1189 |
| CMYK | 0.27, 0.00, 0.08, 0.04 |
| HSL | 162°, 77%, 83% |
| HSV | 162°, 27%, 96% |
| XYZ | 64.7915, 80.3080, 83.1004 |
| YIQ | 222.9860, -32.9160, -20.2120 |

Conversions

Conversions Part 2

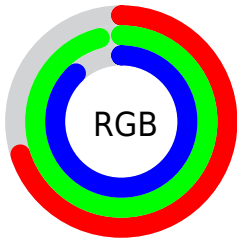
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 179, 218, 245 |
| Decimal | 11793889 |
| CIE Lab | 91.82, -24.71, 3.13 |
| CIE LCh | 92, 24.907, 172.783 |
| Yxy | 80.3080, 0.2839, 0.3519 |
| Android (android.graphics.Color) | 4289983969 (0xFFB3F5E1) |
| YUV | 222.9860, 0.9929, -38.5757 |
| Hunter-Lab | 89.6147, -27.7702, 7.7502 |

Details

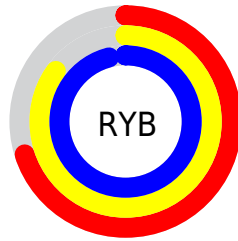
The RYB color **179, 218, 245** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **245, 179, 199**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **236, 246, 255**, and **124, 162, 189** is the 20% darker color. If you saturate the color by 10%, you get **155, 208, 245**, and if you desaturate by 10%, it is **203, 228, 245**.

Distribution



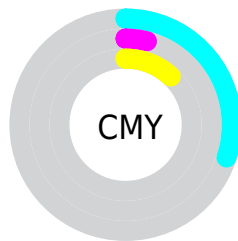
- Red (70%)
- Green (96%)
- Blue (88%)



- Red (70%)
- Yellow (85%)
- Blue (96%)



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



- Cyan (30%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 218, 245 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 179, 218, 245 by changing the saturation by 10% instead.

 179, 218, 245


255, 255, 255


 236, 246, 255

 179, 218, 245

 151, 189, 216


 124, 162, 189

 98, 135, 161


 72, 109, 135

 46, 82, 109

 17, 56, 85

 0, 34, 61

 0, 23, 39


 0, 12, 12

 179, 218, 245

 179, 218, 245

 155, 208, 245


 203, 228, 245

 130, 198, 245


 228, 238, 245


 106, 188, 245

 252, 245, 247

 81, 178, 245

 255, 245, 255

 56, 168, 245

 32, 158, 245

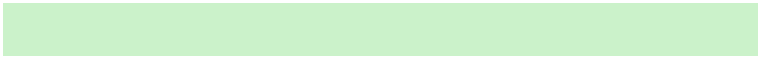
 7, 148, 245

 0, 145, 245

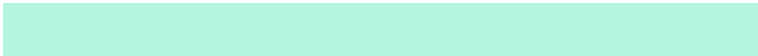
Harmonies

Analogous

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



202, 242, 241



179, 218, 245



166, 206, 249

Triad

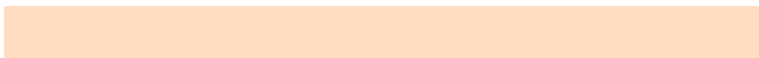
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



179, 218, 245



228, 227, 255



255, 239, 194

Complementary

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



179, 218, 245



245, 179, 199

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, 215, 214



179, 218, 245



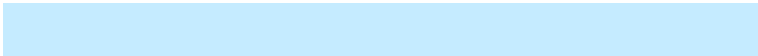
255, 220, 255

Square

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



179, 218, 245



197, 220, 255



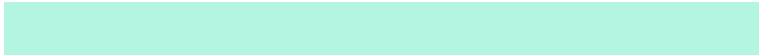
255, 215, 238



228, 255, 184

Rectangle

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



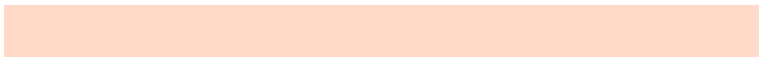
179, 218, 245



168, 208, 255



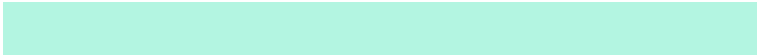
255, 215, 238



255, 227, 200

Sweetspot

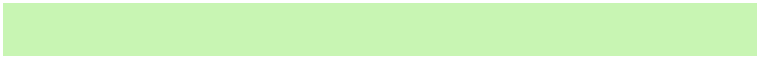
The Sweet Spot groups the original color and five complimentary colors.



179, 218, 245



235, 247, 255



179, 245, 224



115, 123, 128



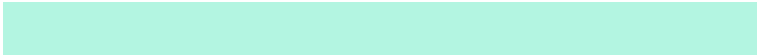
0, 0, 0



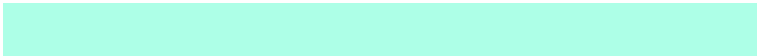
128, 128, 128

Same Dimension

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



179, 218, 245



173, 221, 255



179, 209, 245



110, 117, 122



0, 110, 186



0, 35, 59

Inverse Universe

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



245, 179, 199



255, 173, 199



245, 194, 179



122, 110, 114



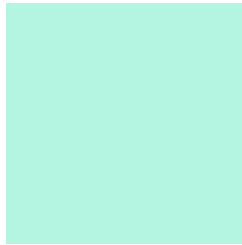
186, 0, 57



59, 0, 18

Previews

White Background



This preview shows how the RYB color 179, 218, 245 looks on a white background.

Color Contrast Check

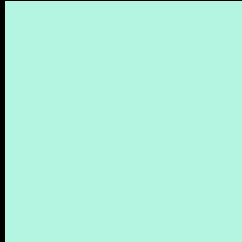
Large Text (above 18pt) WCAG AA × Fail

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 179, 218, 245 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

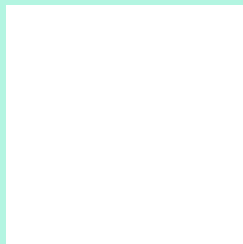
Any Text WCAG AAA ✓ Pass

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

RYB 179, 218, 245 Background



This preview shows how black text looks on a background with the RYB color 179, 218, 245.



This preview shows how white text looks on a background with the RYB color 179, 218, 245.

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





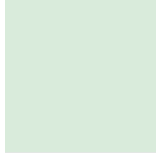
Tritanopia
194, 220, 255

Trichromacy



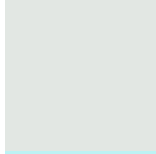
Original Color

179, 218, 245



Protanomaly

217, 233, 235



Deuteranomaly

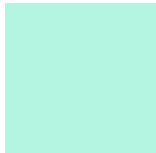
226, 230, 231



Tritanomaly

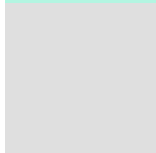
189, 216, 244

Monochromacy



Original Color

179, 218, 245



Achromatopsia

223, 223, 223



Achromatomaly

207, 221, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 218, 245 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(179, 245, 225)` looks like.

```
.text, #text, p{  
    color:rgb(179, 245, 225)  
}
```

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(179, 245, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 245, 225) }
```

Border

The CSS property to change the border of an element to RYB 179, 218, 245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

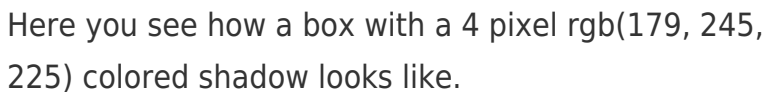
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 245, 225) }
```

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

```
.border{ border-color:rgb(179, 245, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 245, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 245, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 245, 225); box-shadow:4px 4px 4px 4px rgb(179, 245, 225) }
```

Background

The CSS property to change the background color of an element to RYB 179, 218, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 245, 225) }
```

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

```
.background{ background-color: rgb(179,  
245, 225) }
```

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