

Converting Colors

`RYB(185, 228, 251)`

Have a look what the booklet for
RYB(185, 228, 251) contains.

RYB(185, 228, 251)	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(185, 228, 251)

Conversions

Conversions Part 1

Format	Color
Hex	B9FBDC
RGB	185, 251, 220
RGB Percent	73%, 98%, 86%
CMY	0.2745, 0.0157, 0.1361
CMYK	0.26, 0.00, 0.12, 0.02
HSL	152°, 89%, 85%
HSV	152°, 26%, 98%
XYZ	67.4631, 84.4920, 80.6732
YIQ	227.7320, -29.3850, -23.6330

Conversions

Conversions Part 2

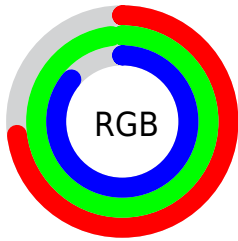
Format	Color
R _{YB}	185, 228, 251
Decimal	12188636
CIE Lab	93.66, -26.68, 8.10
CIE LCh	94, 27.880, 163.110
Yxy	84.4920, 0.2900, 0.3632
Android (android.graphics.Color)	4290378716 (0xFFB9FBDC)
YUV	227.7320, -3.8119, -37.4760
Hunter-Lab	91.9195, -29.8515, 12.3078

Details

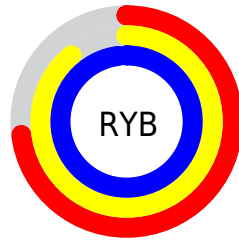
The RYB color **185, 228, 251** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **251, 185, 216**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **242, 249, 255**, and **130, 171, 194** is the 20% darker color. If you saturate the color by 10%, you get **160, 219, 251**, and if you desaturate by 10%, it is **210, 237, 251**.

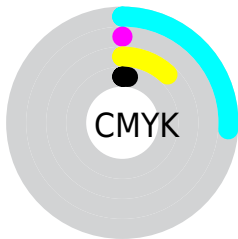
Distribution



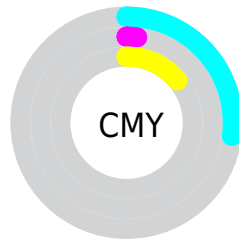
- Red (73%)
- Green (98%)
- Blue (86%)



- Red (73%)
- Yellow (89%)
- Blue (98%)



- Cyan (26%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)



- Cyan (27%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 228, 251 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 185, 228, 251 by changing the saturation by 10% instead.


 185, 228, 251

255, 255, 255


 242, 249, 255

 185, 228, 251

 157, 199, 222

 130, 171, 194

 104, 145, 167

 78, 118, 140

 52, 91, 114

 25, 65, 90

 0, 40, 66

 0, 28, 43

 0, 21, 21

 185, 228, 251

 185, 228, 251

 160, 219, 251


 210, 237, 251


 135, 211, 251


 235, 245, 251


 110, 202, 251


 255, 251, 255

 85, 193, 251

 60, 185, 251

 34, 175, 251

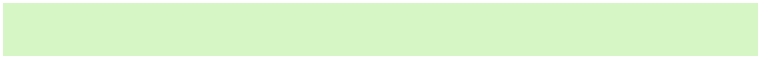
 9, 166, 251

 0, 164, 251

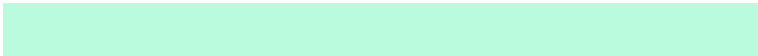
Harmonies

Analogous

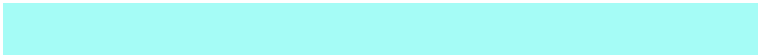
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197, 246, 229



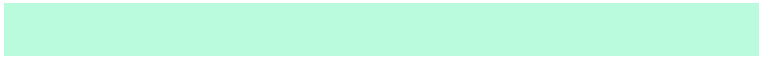
185, 228, 251



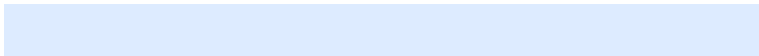
165, 210, 252

Triad

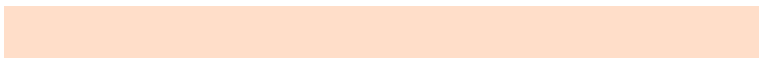
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



185, 228, 251



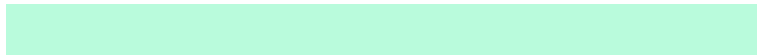
221, 231, 255



255, 235, 201

Complementary

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



185, 228, 251



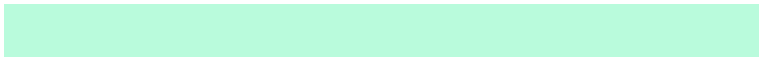
251, 185, 216

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, 218, 226



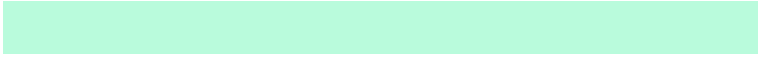
185, 228, 251



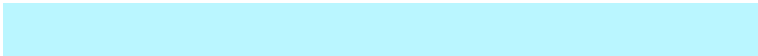
255, 226, 255

Square

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



185, 228, 251



186, 218, 255



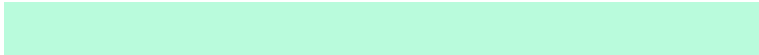
255, 219, 253



225, 255, 186

Rectangle

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



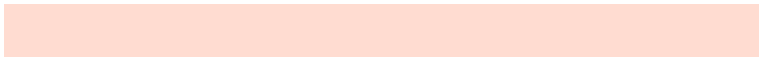
185, 228, 251



161, 207, 255



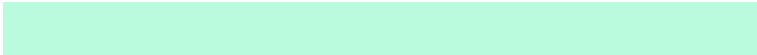
255, 219, 253



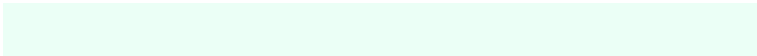
255, 223, 209

Sweetspot

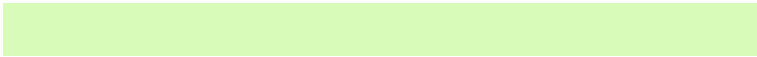
The Sweet Spot groups the original color and five complimentary colors.



185, 228, 251



235, 248, 255



185, 251, 220



115, 123, 128



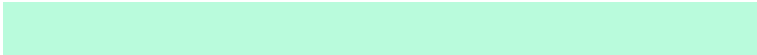
0, 0, 0



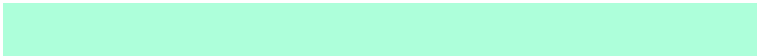
128, 128, 128

Same Dimension

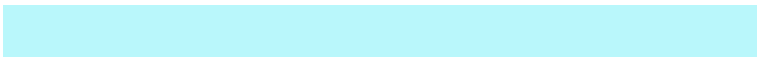
The Same Dimension uses a secret algorithm to generate beautiful new colors.



185, 228, 251



173, 226, 255



185, 217, 251



112, 120, 125



0, 123, 189



0, 40, 61

Inverse Universe

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



251, 185, 216



255, 173, 211



251, 187, 185



125, 112, 118



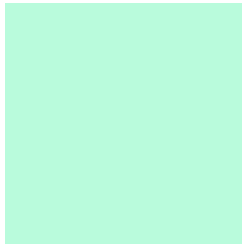
189, 0, 88



61, 0, 28

Previews

White Background



This preview shows how the RYB color 185, 228, 251 looks on a white background.

Color Contrast Check

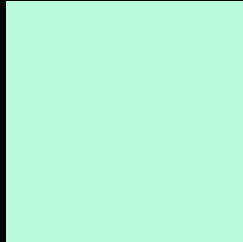
Large Text (above 18pt) WCAG AA × Fail

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 185, 228, 251 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 185, 228, 251 Background



This preview shows how black text looks on a background with the RYB color 185, 228, 251.



This preview shows how white text looks on a background with the RYB color 185, 228, 251.

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





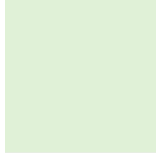
Tritanopia
209, 228, 255

Trichromacy



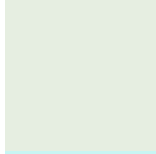
Original Color

185, 228, 251



Protanomaly

215, 241, 232



Deuteranomaly

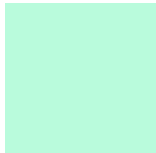
225, 238, 233



Tritanomaly

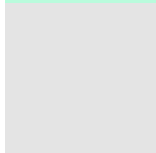
200, 223, 245

Monochromacy



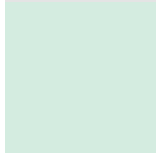
Original Color

185, 228, 251



Achromatopsia

228, 228, 228



Achromatomaly

212, 228, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 228, 251 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(185, 251, 220)` looks like.

```
.text, #text, p{  
    color:rgb(185, 251, 220)  
}
```

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(185, 251, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 251, 220) }
```

Border

The CSS property to change the border of an element to RYB 185, 228, 251 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(185, 251, 220) }
```

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

```
.border{ border-color:rgb(185, 251, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 251, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 251, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 251, 220);  
box-shadow:4px 4px 4px 4px rgb(185, 251,  
220) }
```

Background

The CSS property to change the background color of an element to RYB 185, 228, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 251, 220) }
```

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

```
.background{ background-color: rgb(185,  
251, 220) }
```

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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