

Converting Colors

`RYB(188, 219, 251)`

Have a look what the booklet for RYB(188, 219, 251) contains.

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Color

R_YB(188, 219, 251)

Conversions

Conversions Part 1

Format	Color
Hex	BCF9FB
RGB	188, 249, 251
RGB Percent	74%, 98%, 98%
CMY	0.2627, 0.0234, 0.0157
CMYK	0.25, 0.01, 0.00, 0.02
HSL	182°, 89%, 86%
HSV	182°, 25%, 98%
XYZ	72.0370, 85.4271, 103.9591
YIQ	230.9890, -36.9980, -12.3100

Conversions

Conversions Part 2

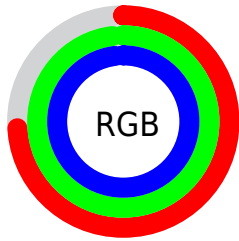
Format	Color
R_{YB}	188, 219, 251
Decimal	12384763
CIE _{Lab}	94.07, -18.55, -7.17
CIE _{LCh}	94, 19.891, 201.123
Yxy	85.4271, 0.2756, 0.3268
Android (android.graphics.Color)	4290574843 (0xFFBCF9FB)
YUV	230.9890, 9.8654, -37.7014
Hunter-Lab	92.4268, -22.6248, -1.9890

Details

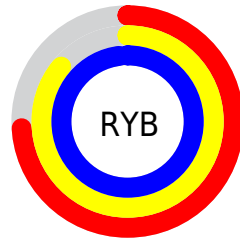
The RYB color **188, 219, 251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 190, 188**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **245, 250, 255**, and **133, 163, 195** is the 20% darker color. If you saturate the color by 10%, you get **163, 206, 251**, and if you desaturate by 10%, it is **213, 232, 251**.

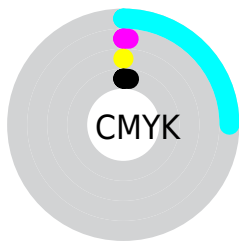
Distribution



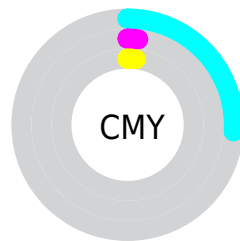
- Red (74%)
- Green (98%)
- Blue (98%)



- Red (74%)
- Yellow (86%)
- Blue (98%)



- Cyan (25%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 219, 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 188, 219, 251 by changing the saturation by 10% instead.

 188, 219, 251

255, 255, 255


 245, 250, 255

 188, 219, 251

 160, 190, 222

 133, 163, 195

 106, 136, 167

 80, 110, 141

 54, 84, 115

 26, 58, 91

 0, 33, 67

 0, 22, 45

 0, 12, 25

 188, 219, 251

 188, 219, 251

 163, 206, 251


 213, 232, 251

 138, 193, 251


 238, 245, 251

 113, 181, 251


 255, 251, 251

 88, 168, 251


 255, 252, 251

 63, 155, 251

 255, 255, 251

 37, 142, 251

 252, 255, 251

 12, 130, 251

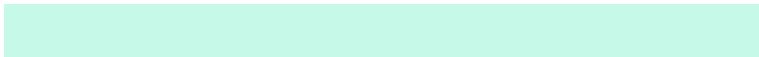
 251, 255, 251

 0, 123, 251

Harmonies

Analogous

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



198, 229, 249



188, 219, 251



192, 221, 255

Triad

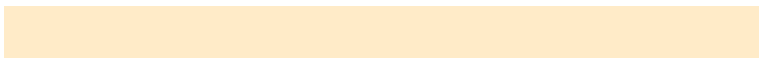
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



188, 219, 251



255, 229, 255



231, 255, 200

Complementary

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



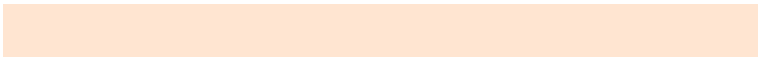
188, 219, 251



251, 190, 188

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, 244, 209



188, 219, 251



255, 225, 244

Square

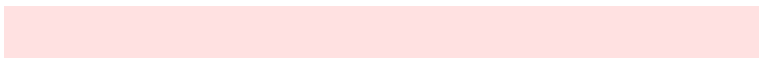
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188, 219, 251



234, 235, 255



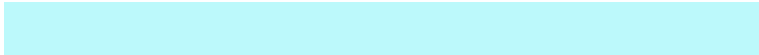
255, 225, 225



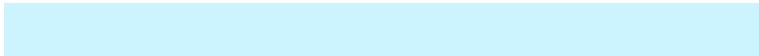
202, 241, 204

Rectangle

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



188, 219, 251



203, 226, 255



255, 225, 225



240, 255, 202

Sweetspot

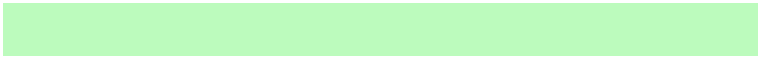
The Sweet Spot groups the original color and five complimentary colors.



188, 219, 251



235, 245, 255



188, 250, 251



115, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

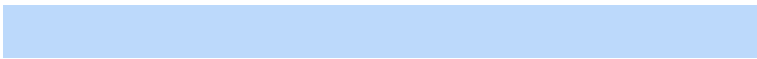
The Same Dimension uses a secret algorithm to generate beautiful new colors.



188, 219, 251



179, 216, 255



188, 208, 251



112, 119, 125



0, 93, 189



0, 30, 61

Inverse Universe

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



251, 188, 249



255, 179, 253



245, 251, 188



125, 112, 125



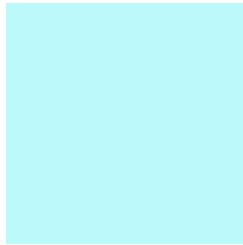
189, 0, 183



61, 0, 59

Previews

White Background



This preview shows how the RYB color 188, 219, 251 looks on a white background.

Color Contrast Check

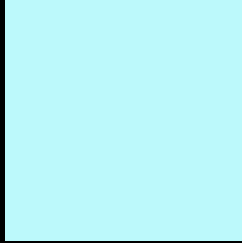
Large Text (above 18pt) WCAG AA × Fail

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 188, 219, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

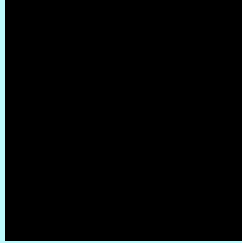
Any Text WCAG AA ✓ Pass

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 188, 219, 251 Background



This preview shows how black text looks on a background with the RYB color 188, 219, 251.



This preview shows how white text looks on a background with the RYB color 188, 219, 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

	Original Color 188, 219, 251
	Protanopia 240, 236, 243
	Deuteranopia 252, 230, 255



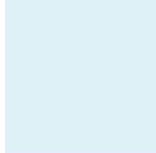
Tritanopia
211, 230, 255

Trichromacy



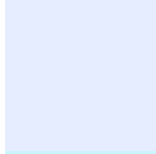
Original Color

188, 219, 251



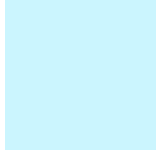
Protanomaly

221, 232, 246



Deuteranomaly

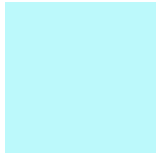
229, 235, 254



Tritanomaly

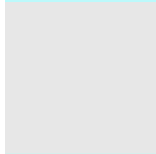
203, 226, 254

Monochromacy



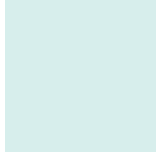
Original Color

188, 219, 251



Achromatopsia

231, 231, 231



Achromatomaly

215, 227, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 219, 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(188, 249, 251)` looks like.

```
.text, #text, p{  
    color:rgb(188, 249, 251)  
}
```

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(188, 249, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 249, 251) }
```

Border

The CSS property to change the border of an element to RYB 188, 219, 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(188, 249, 251) }
```

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

```
.border{ border-color:rgb(188, 249, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 249, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 249, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 249, 251);  
box-shadow:4px 4px 4px 4px rgb(188, 249,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 188, 219, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 249, 251) }
```

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

```
.background{ background-color: rgb(188,  
249, 251) }
```

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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