

Converting Colors

`RYB(189, 220, 254)`

Have a look what the booklet for RYB(189, 220, 254) contains.

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Color

R_YB(189, 220, 254)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BDF8FE</code>
RGB	189, 248, 254
RGB Percent	74%, 97%, 100%
CMY	0.2588, 0.0264, 0.0039
CMYK	0.26, 0.02, 0.00, 0.00
HSL	185°, 97%, 87%
HSV	185°, 26%, 100%
XYZ	72.5245, 85.2723, 106.4027
YIQ	231.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

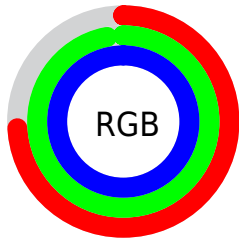
Format	Color
R _Y B	189, 220, 254
Decimal	12450046
CIE Lab	94.00, -17.24, -8.81
CIE LCh	94, 19.364, 207.076
Yxy	85.2723, 0.2745, 0.3228
Android (android.graphics.Color)	4290640126 (0xFFBDF8FE)
YUV	231.0430, 11.3178, -36.8717
Hunter-Lab	92.3430, -21.4096, -3.6771

Details

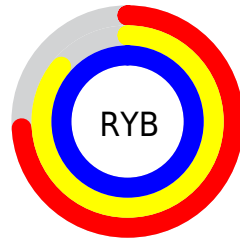
The RYB color **189, 220, 254** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **254, 196, 189**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **246, 251, 255**, and **134, 164, 197** is the 20% darker color. If you saturate the color by 10%, you get **164, 207, 254**, and if you desaturate by 10%, it is **214, 233, 254**.

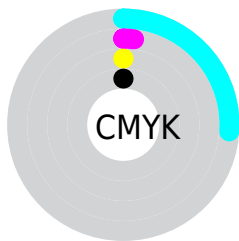
Distribution



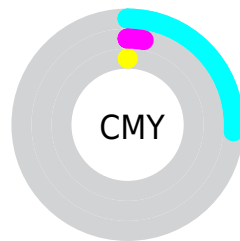
- Red (74%)
- Green (97%)
- Blue (100%)



- Red (74%)
- Yellow (86%)
- Blue (100%)



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



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 220, 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 189, 220, 254 by changing the saturation by 10% instead.


 189, 220, 254

255, 255, 255


 246, 251, 255

 189, 220, 254

 161, 192, 225

 134, 164, 197

 107, 137, 170

 81, 111, 144

 55, 85, 118

 27, 59, 93

 0, 33, 70

 0, 22, 47

 0, 12, 27

■ 189, 220, 254

■ 189, 220, 254

■ 164, 207, 254

■ 214, 233, 254

■ 138, 193, 254

■ 240, 247, 254

■ 113, 180, 254

254, 255, 254

■ 87, 167, 254

■ 62, 154, 254

■ 37, 141, 254

■ 11, 127, 254

■ 0, 121, 254

Harmonies

Analogous

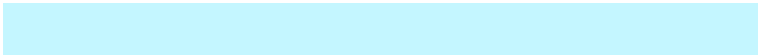
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



196, 227, 249



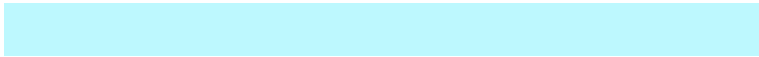
189, 220, 254



196, 223, 255

Triad

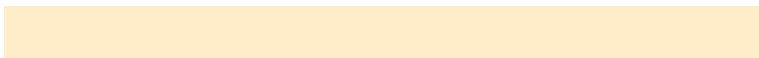
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 220, 254



255, 228, 255



230, 255, 201

Complementary

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



189, 220, 254



254, 196, 189

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, 251, 207



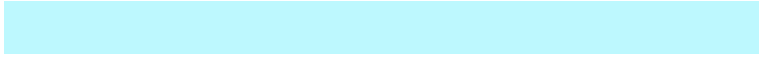
189, 220, 254



255, 225, 240

Square

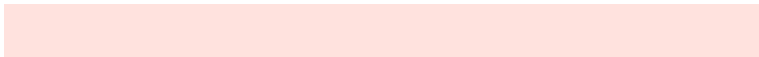
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 220, 254



239, 234, 255



255, 227, 222



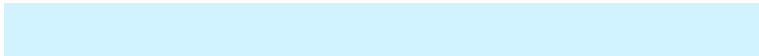
204, 242, 212

Rectangle

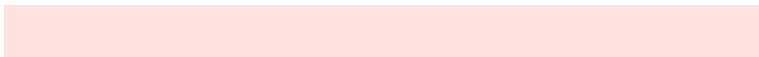
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 220, 254



208, 228, 255



255, 227, 222



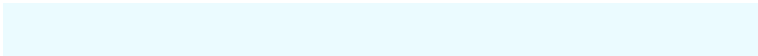
237, 255, 202

Sweetspot

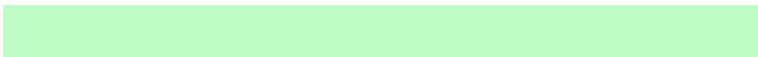
The Sweet Spot groups the original color and five complimentary colors.



189, 220, 254



235, 244, 255



189, 249, 254



115, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



189, 220, 254



176, 214, 255



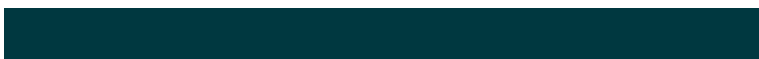
189, 208, 254



115, 121, 128



0, 91, 191



0, 30, 64

Inverse Universe

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



254, 189, 248



255, 176, 248



235, 254, 189



128, 115, 126



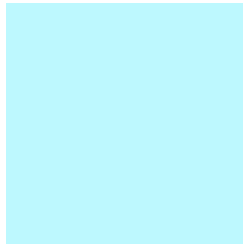
191, 0, 174



64, 0, 58

Previews

White Background



This preview shows how the RYB color 189, 220, 254 looks on a white background.

Color Contrast Check

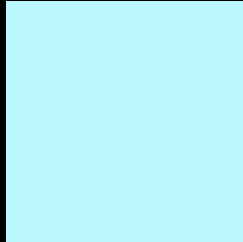
Large Text (above 18pt) WCAG AA × Fail

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 189, 220, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

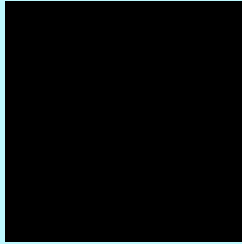
Any Text WCAG AA ✓ Pass

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](#).

RYP 189, 220, 254 Background



This preview shows how black text looks on a background with the RYB color 189, 220, 254.



This preview shows how white text looks on a background with the RYB color 189, 220, 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





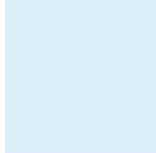
Tritanopia
211, 230, 255

Trichromacy



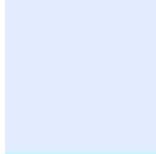
Original Color

189, 220, 254



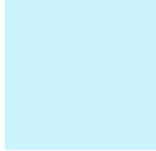
Protanomaly

220, 232, 249



Deuteranomaly

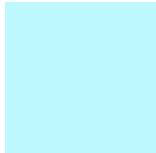
227, 234, 255



Tritanomaly

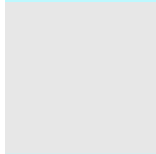
203, 226, 255

Monochromacy



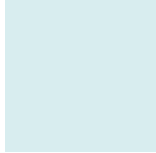
Original Color

189, 220, 254



Achromatopsia

231, 231, 231



Achromatomaly

216, 227, 239

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 220, 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(189, 248, 254)` looks like.

```
.text, #text, p{  
    color:rgb(189, 248, 254)  
}
```

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(189, 248, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 248, 254) }
```

Border

The CSS property to change the border of an element to RYB 189, 220, 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(189, 248, 254) }
```

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

```
.border{ border-color:rgb(189, 248, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 248, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 248, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 248, 254);  
box-shadow:4px 4px 4px 4px rgb(189, 248,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 189, 220, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 248, 254) }
```

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

```
.background{ background-color: rgb(189,  
248, 254) }
```

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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