

Converting Colors

`RYB(189, 247, 255)`

Have a look what the booklet for
RYB(189, 247, 255) contains.

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Color

R_YB(189, 247, 255)

Conversions

Conversions Part 1

Format	Color
Hex	BDFFC6
RGB	189, 255, 198
RGB Percent	74%, 100%, 78%
CMY	0.2588, 0.0000, 0.2231
CMYK	0.26, 0.00, 0.22, 0.00
HSL	128°, 100%, 87%
HSV	128°, 26%, 100%
XYZ	66.9512, 86.4208, 66.6408
YIQ	228.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

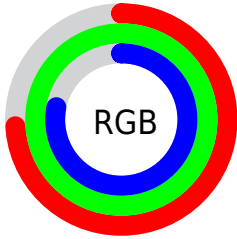
Format	Color
RYB	189, 247, 255
Decimal	12451782
CIELab	94.49, -31.38, 20.70
CIELCh	94, 37.589, 146.592
Yxy	86.4208, 0.3043, 0.3928
Android (android.graphics.Color)	4290641862 (0xFFBDFFC6)
YUV	228.7680, -15.1686, -34.8765
Hunter-Lab	92.9628, -34.1303, 22.5716

Details

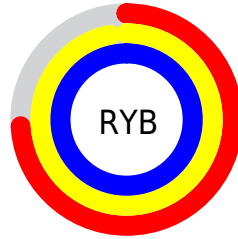
The RYB color **189, 247, 255** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **255, 189, 246**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **246, 251, 255**, and **134, 189, 198** is the 20% darker color. If you saturate the color by 10%, you get **164, 244, 255**, and if you desaturate by 10%, it is **215, 251, 255**.

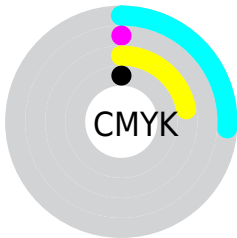
Distribution



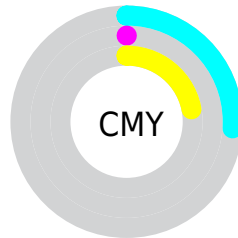
- Red (74%)
- Green (100%)
- Blue (78%)



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



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 247, 255 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, 247, 255 by changing the saturation by 10% instead.


 189, 247, 255


255, 255, 255


 246, 251, 255


 189, 247, 255

 161, 217, 226

 134, 189, 198

 108, 161, 170

 82, 135, 144

 56, 107, 118

 29, 79, 93

 0, 51, 69

 0, 46, 46

 0, 24, 24

■ 189, 247, 255

■ 189, 247, 255

■ 164, 244, 255

■ 215, 251, 255

■ 138, 241, 255

■ 240, 253, 255

■ 113, 238, 255

255, 255, 255

■ 87, 235, 255

■ 62, 232, 255

■ 36, 229, 255

■ 11, 226, 255

■ 0, 224, 255

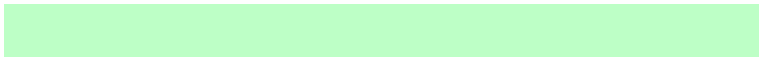
Harmonies

Analogous

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



173, 247, 189



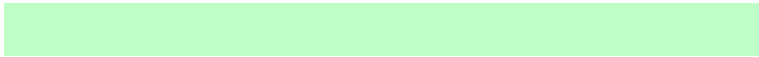
189, 247, 255



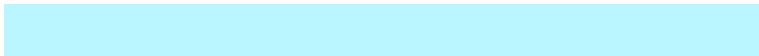
149, 208, 255

Triad

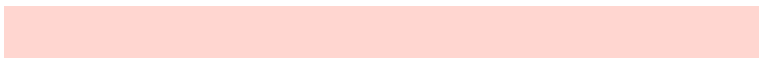
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189, 247, 255



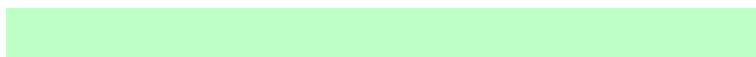
186, 218, 255



255, 215, 208

Complementary

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



189, 247, 255



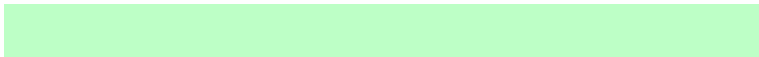
255, 189, 246

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, 213, 245



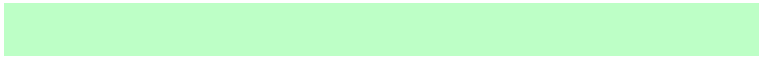
189, 247, 255



239, 231, 255

Square

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



189, 247, 255



139, 196, 255



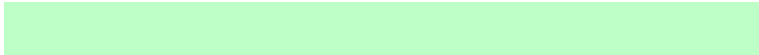
255, 219, 255



236, 255, 180

Rectangle

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



189, 247, 255



129, 192, 255



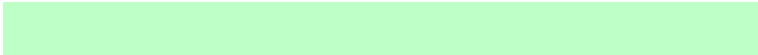
255, 219, 255



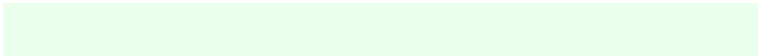
255, 213, 220

Sweetspot

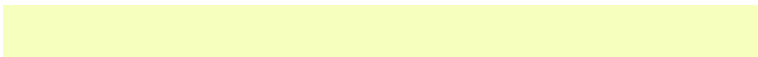
The Sweet Spot groups the original color and five complimentary colors.



189, 247, 255



235, 253, 255



189, 255, 198



115, 126, 128



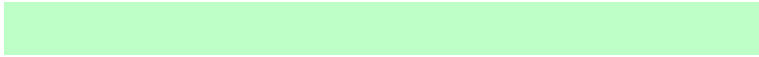
0, 0, 0



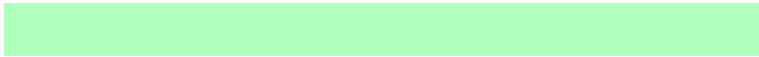
128, 128, 128

Same Dimension

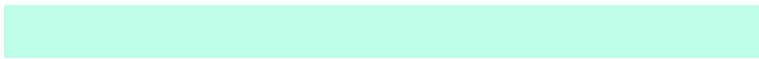
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 247, 255



176, 245, 255



189, 229, 255



115, 126, 128



0, 168, 191



0, 56, 64

Inverse Universe

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



255, 189, 246



255, 176, 244



255, 189, 213



128, 115, 126



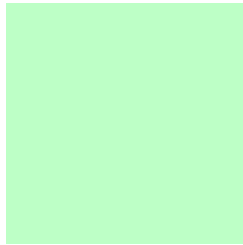
191, 0, 165



64, 0, 55

Previews

White Background



This preview shows how the RYB color 189, 247, 255 looks on a white background.

Color Contrast Check

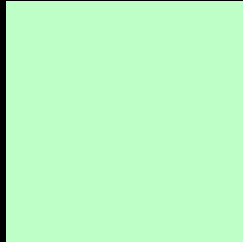
Large Text (above 18pt) WCAG AA × Fail

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, 247, 255 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 189, 247, 255 Background



This preview shows how black text looks on a background with the RYB color 189, 247, 255.

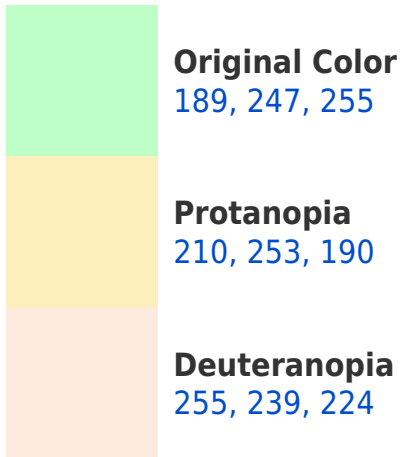


This preview shows how white text looks on a background with the RYB color 189, 247, 255.

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





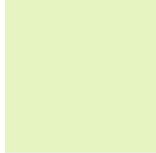
Tritanopia
217, 232, 255

Trichromacy



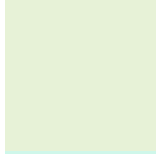
Original Color

189, 247, 255



Protanomaly

193, 244, 207



Deuteranomaly

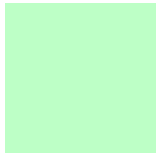
215, 242, 226



Tritanomaly

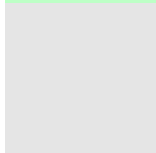
207, 231, 247

Monochromacy



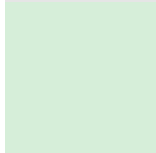
Original Color

189, 247, 255



Achromatopsia

229, 229, 229



Achromatomaly

214, 235, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 247, 255 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, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 255, 198)  
}
```

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, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 255, 198) }
```

Border

The CSS property to change the border of an element to RYB 189, 247, 255 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, 255, 198) }
```

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

```
.border{ border-color:rgb(189, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 255,  
198) }
```

Background

The CSS property to change the background color of an element to RYB 189, 247, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 255, 198) }
```

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

```
.background{ background-color: rgb(189,  
255, 198) }
```

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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