

Converting Colors

RGB(189, 251, 152)

Have a look what the booklet for
RGB(189, 251, 152) contains.

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Color

RGB(189, 251, 152)

Conversions

Conversions Part 1

Format	Color
Hex	BDFB98
RGB	189, 251, 152
RGB Percent	74%, 98%, 60%
CMY	0.2588, 0.0157, 0.4039
CMYK	0.25, 0.00, 0.39, 0.02
HSL	98°, 93%, 79%
HSV	98°, 39%, 98%
XYZ	61.1509, 82.0802, 42.3258
YIQ	221.1760, -5.1730, -43.9330

Conversions

Conversions Part 2

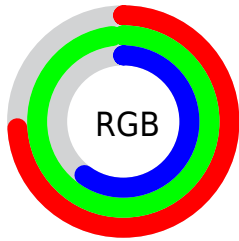
Format	Color
RYB	152, 251, 214
Decimal	12450712
CIELab	92.61, -36.50, 41.30
CIElCh	93, 55.117, 131.476
Yxy	82.0802, 0.3296, 0.4423
Android (android.graphics.Color)	4290640792 (0xFFBDFB98)
YUV	221.1760, -34.1038, -28.2184
Hunter-Lab	90.5981, -38.0647, 35.7194

Details

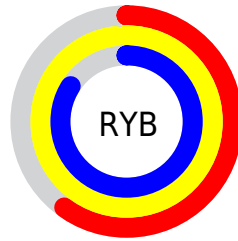
The RGB color **189, 251, 152** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **214, 152, 251**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **247, 255, 207**, and **134, 194, 99** is the 20% darker color. If you saturate the color by 10%, you get **173, 251, 127**, and if you desaturate by 10%, it is **205, 251, 177**.

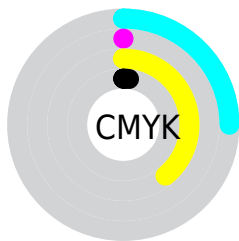
Distribution



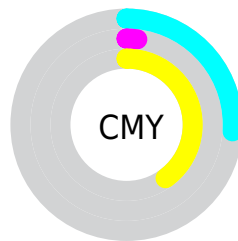
- Red (74%)
- Green (98%)
- Blue (60%)



- Red (60%)
- Yellow (98%)
- Blue (84%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (2%)



- Cyan (26%)
- Magenta (2%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 251, 152 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 RGB color 189, 251, 152 by changing the saturation by 10% instead.

 189, 251, 152

 189, 251, 152

255, 255, 255


 161, 222, 125


 247, 255, 207

 134, 194, 99

 255, 255, 236

 107, 167, 74

 80, 140, 49

 53, 114, 23

 24, 89, 0

 0, 65, 0

 0, 43, 0

 0, 17, 0

■ 189, 251, 152

■ 189, 251, 152

■ 173, 251, 127

■ 205, 251, 177

■ 158, 251, 102

■ 220, 251, 202

■ 142, 251, 77

■ 236, 251, 227

■ 126, 251, 52

■ 252, 251, 252

■ 110, 251, 27

■ 255, 251, 255

■ 95, 251, 1

■ 94, 251, 0

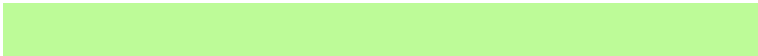
Harmonies

Analogous

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



247, 237, 127



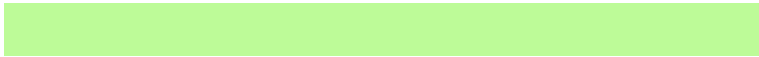
189, 251, 152



117, 255, 198

Triad

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



189, 251, 152



70, 249, 255



255, 191, 215

Complementary

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



189, 251, 152



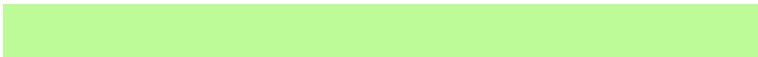
214, 152, 251

Split Complementary

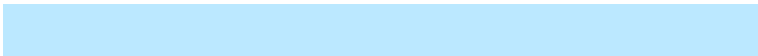
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 196, 255



189, 251, 152



187, 232, 255

Square

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



189, 251, 152



0, 255, 255



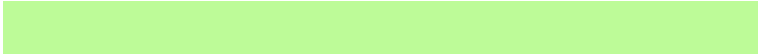
255, 212, 255



255, 201, 166

Rectangle

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



189, 251, 152



37, 255, 235



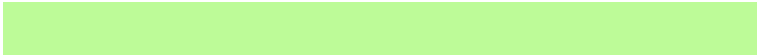
255, 212, 255



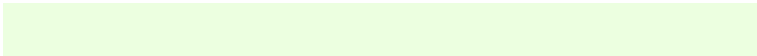
255, 191, 233

Sweetspot

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



189, 251, 152



236, 255, 224



251, 213, 152



116, 128, 110



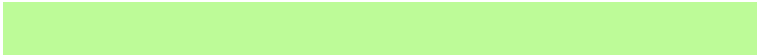
0, 0, 0



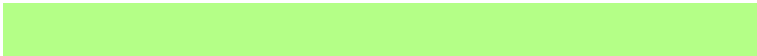
128, 128, 128

Same Dimension

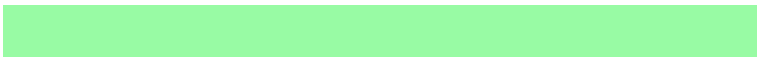
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 251, 152



180, 255, 135



152, 251, 164



117, 125, 112



71, 189, 0



23, 61, 0

Inverse Universe

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



214, 152, 251



210, 135, 255



251, 152, 239



120, 112, 125



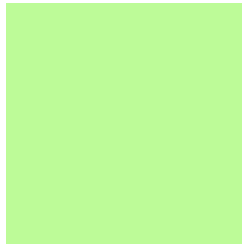
118, 0, 189



38, 0, 61

Previews

White Background



This preview shows how the RGB color 189, 251, 152 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 RGB color 189, 251, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

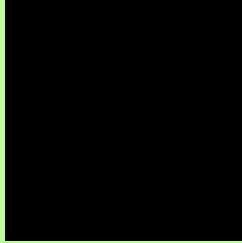
Any Text WCAG AA ✓ Pass

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](#).

RGB 189, 251, 152 Background



This preview shows how black text looks on a background with the RGB color 189, 251, 152.

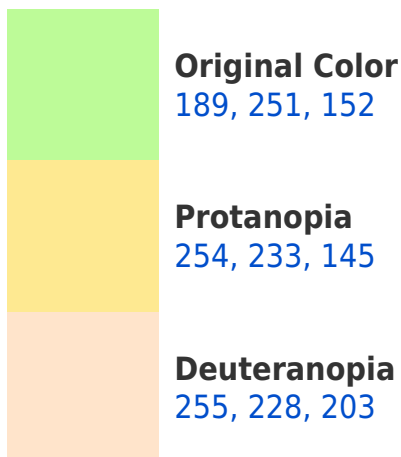


This preview shows how white text looks on a background with the RGB color 189, 251, 152.

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](#).

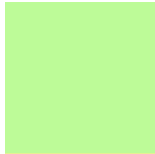
Dichromacy





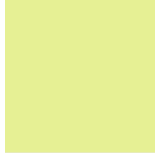
Tritanopia
208, 238, 255

Trichromacy



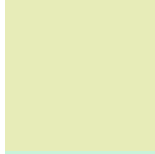
Original Color

189, 251, 152



Protanomaly

230, 240, 148



Deuteranomaly

231, 236, 184



Tritanomaly

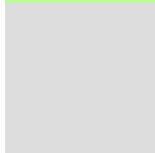
201, 243, 218

Monochromacy



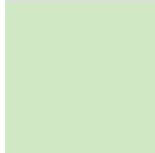
Original Color

189, 251, 152



Achromatopsia

221, 221, 221



Achromatomaly

209, 232, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 251, 152 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, 251, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 251, 152)  
}
```

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, 251, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 251, 152) }
```

Border

The CSS property to change the border of an element to RGB 189, 251, 152 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, 251, 152) }
```

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

```
.border{ border-color:rgb(189, 251, 152) }
```

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

Here you see how a box with a 4 pixel rgb(189, 251, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 251, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 251, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 251,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 189, 251, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 251, 152) }
```

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

```
.background{ background-color: rgb(189,  
251, 152) }
```

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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