

Converting Colors

RGB(190, 251, 144)

Have a look what the booklet for
RGB(190, 251, 144) contains.

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Color

RGB(190, 251, 144)

Conversions

Conversions Part 1

Format	Color
Hex	BEFB90
RGB	190, 251, 144
RGB Percent	75%, 98%, 56%
CMY	0.2549, 0.0157, 0.4353
CMYK	0.24, 0.00, 0.43, 0.02
HSL	94°, 93%, 77%
HSV	94°, 43%, 98%
XYZ	60.7664, 81.9551, 39.0018
YIQ	220.5630, -2.0090, -46.2090

Conversions

Conversions Part 2

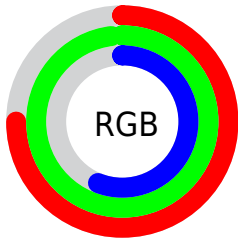
Format	Color
RYB	144, 251, 205
Decimal	12516240
CIELab	92.56, -37.17, 45.13
CIELCh	93, 58.465, 129.481
Yxy	81.9551, 0.3344, 0.4510
Android (android.graphics.Color)	4290706320 (0xFFBEFB90)
YUV	220.5630, -37.7456, -26.8038
Hunter-Lab	90.5291, -38.6101, 37.8270

Details

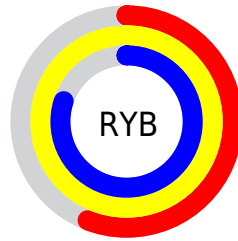
The RGB color **190, 251, 144** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **205, 144, 251**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **248, 255, 199**, and **134, 194, 91** is the 20% darker color. If you saturate the color by 10%, you get **176, 251, 119**, and if you desaturate by 10%, it is **204, 251, 169**.

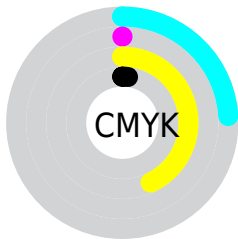
Distribution



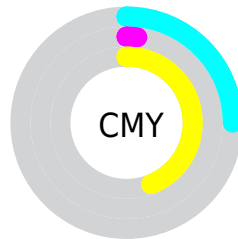
- Red (75%)
- Green (98%)
- Blue (56%)



- Red (56%)
- Yellow (98%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)



- Cyan (25%)
- Magenta (2%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 190, 251, 144 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 190, 251, 144 by changing the saturation by 10% instead.

 190, 251, 144

255, 255, 255

 248, 255, 199


 255, 255, 228

 190, 251, 144

 162, 222, 117

 134, 194, 91

 107, 167, 66


 80, 140, 40

 53, 114, 10

 24, 89, 0

 0, 65, 0

 0, 43, 0

 0, 16, 0

■ 190, 251, 144

■ 190, 251, 144

■ 176, 251, 119

■ 204, 251, 169

■ 161, 251, 94

■ 219, 251, 194

■ 147, 251, 69

■ 233, 251, 219

■ 133, 251, 44

■ 247, 251, 244

■ 118, 251, 19

■ 255, 251, 255

■ 108, 251, 0

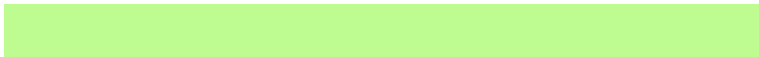
Harmonies

Analogous

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



251, 236, 119



190, 251, 144



113, 255, 192

Triad

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



190, 251, 144



0, 250, 255



255, 187, 218

Complementary

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



190, 251, 144



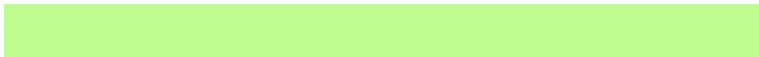
205, 144, 251

Split Complementary

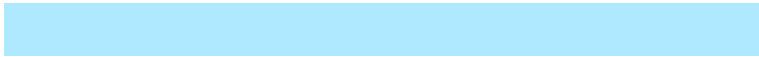
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 193, 255



190, 251, 144



175, 233, 255

Square

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



190, 251, 144



0, 255, 255



255, 212, 255



255, 198, 165

Rectangle

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



190, 251, 144



0, 255, 231



255, 212, 255



255, 188, 237

Sweetspot

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



190, 251, 144



236, 255, 222



251, 205, 144



116, 128, 107



0, 0, 0



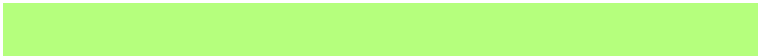
128, 128, 128

Same Dimension

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



190, 251, 144



181, 255, 125



144, 251, 151



118, 125, 112



81, 189, 0



26, 61, 0

Inverse Universe

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



205, 144, 251



199, 125, 255



251, 144, 244



120, 112, 125



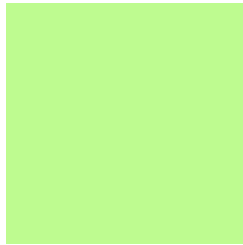
108, 0, 189



35, 0, 61

Previews

White Background



This preview shows how the RGB color 190, 251, 144 looks on a white background.

Color Contrast Check

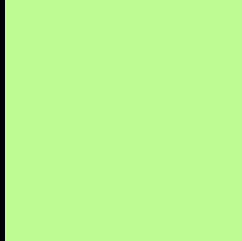
Large Text (above 18pt) WCAG AA × Fail

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 190, 251, 144 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

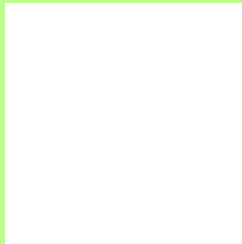
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 190, 251, 144 Background



This preview shows how black text looks on a background with the RGB color 190, 251, 144.

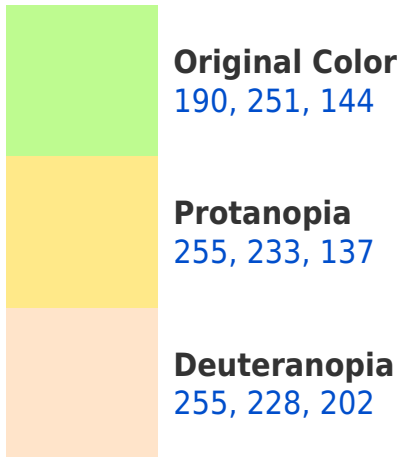


This preview shows how white text looks on a background with the RGB color 190, 251, 144.

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](#).

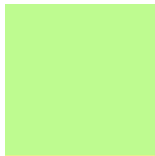
Dichromacy





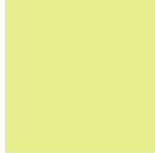
Tritanopia
209, 237, 255

Trichromacy



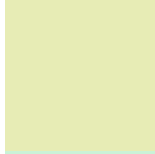
Original Color

190, 251, 144



Protanomaly

231, 240, 140



Deuteranomaly

231, 236, 181



Tritanomaly

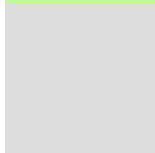
202, 242, 215

Monochromacy



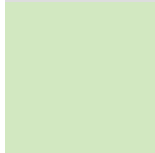
Original Color

190, 251, 144



Achromatopsia

221, 221, 221



Achromatomaly

210, 232, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 190, 251, 144 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(190, 251, 144)` looks like.

```
.text, #text, p{  
    color:rgb(190, 251, 144)  
}
```

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(190, 251, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 251, 144) }
```

Border

The CSS property to change the border of an element to RGB 190, 251, 144 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(190, 251, 144) }
```

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

```
.border{ border-color:rgb(190, 251, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 251, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 251, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 251, 144); box-shadow:4px 4px 4px 4px rgb(190, 251, 144) }
```

Background

The CSS property to change the background color of an element to RGB 190, 251, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 251, 144) }
```

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

```
.background{ background-color: rgb(190,  
251, 144) }
```

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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