

Converting Colors

RGB(188, 255, 175)

Have a look what the booklet for
RGB(188, 255, 175) contains.

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Color

RGB(188, 255, 175)

Conversions

Conversions Part 1

Format	Color
Hex	BCFFAF
RGB	188, 255, 175
RGB Percent	74%, 100%, 69%
CMY	0.2627, 0.0000, 0.3137
CMYK	0.26, 0.00, 0.31, 0.00
HSL	110°, 100%, 84%
HSV	110°, 31%, 100%
XYZ	64.2369, 85.3065, 53.6376
YIQ	225.8470, -14.2520, -39.0840

Conversions

Conversions Part 2

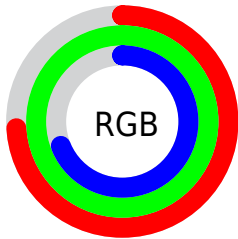
Format	Color
RYB	175, 255, 242
Decimal	12386223
CIELab	94.02, -35.42, 31.73
CIELCh	94, 47.549, 138.147
Yxy	85.3065, 0.3162, 0.4199
Android (android.graphics.Color)	4290576303 (0xFFBCFFAF)
YUV	225.8470, -25.0676, -33.1918
Hunter-Lab	92.3615, -37.4870, 30.2213

Details

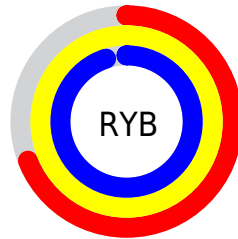
The RGB color **188, 255, 175** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **242, 175, 255**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **246, 255, 231**, and **133, 198, 122** is the 20% darker color. If you saturate the color by 10%, you get **167, 255, 149**, and if you desaturate by 10%, it is **209, 255, 201**.

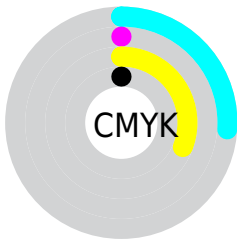
Distribution



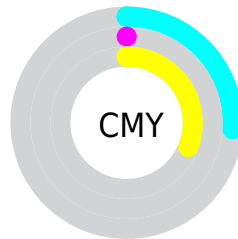
- Red (74%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 255, 175 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 188, 255, 175 by changing the saturation by 10% instead.

 188, 255, 175


255, 255, 255

 246, 255, 231

 188, 255, 175

 160, 226, 148

 133, 198, 122

 106, 170, 96


 80, 144, 72

 54, 118, 48

 25, 92, 24

 0, 68, 0

 0, 45, 0

 0, 23, 0

 188, 255, 175

 188, 255, 175

 167, 255, 149


 209, 255, 201

 145, 255, 124

 231, 255, 226

 124, 255, 98


 252, 255, 252

 103, 255, 73

255, 255, 255

 81, 255, 48

 60, 255, 22

 41, 255, 0

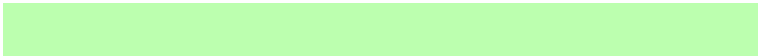
Harmonies

Analogous

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



240, 244, 149



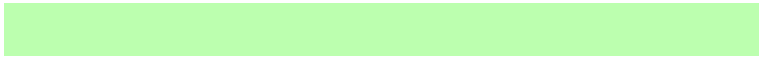
188, 255, 175



129, 255, 217

Triad

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



188, 255, 175



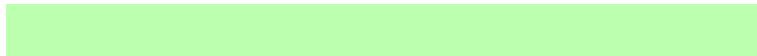
140, 248, 255



255, 203, 211

Complementary

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



188, 255, 175



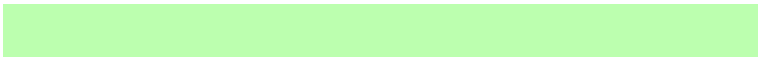
242, 175, 255

Split Complementary

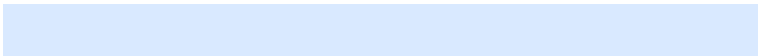
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 204, 255



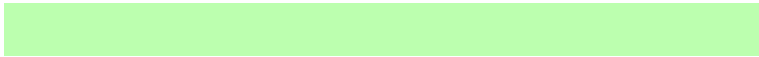
188, 255, 175



217, 233, 255

Square

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



188, 255, 175



63, 255, 255



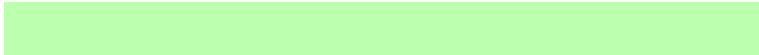
255, 216, 255



255, 213, 171

Rectangle

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



188, 255, 175



87, 255, 249



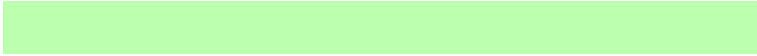
255, 216, 255



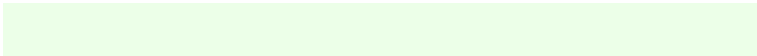
255, 202, 227

Sweetspot

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



188, 255, 175



236, 255, 232



255, 242, 175



116, 128, 113



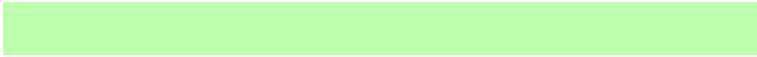
0, 0, 0



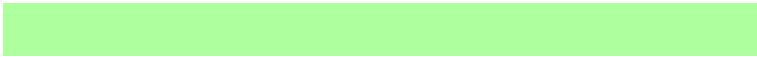
128, 128, 128

Same Dimension

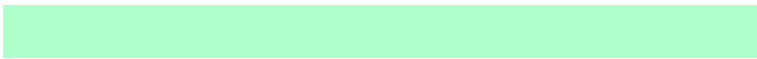
The Same Dimension uses a secret algorithm to generate beautiful new colors.



188, 255, 175



174, 255, 158



175, 255, 202



117, 128, 115



31, 191, 0



10, 64, 0

Inverse Universe

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



242, 175, 255



239, 158, 255



255, 175, 228



125, 115, 128



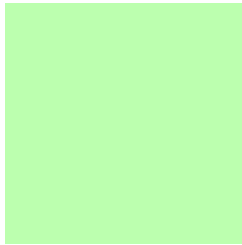
160, 0, 191



53, 0, 64

Previews

White Background



This preview shows how the RGB color 188, 255, 175 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 188, 255, 175 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 188, 255, 175 Background



This preview shows how black text looks on a background with the RGB color 188, 255, 175.

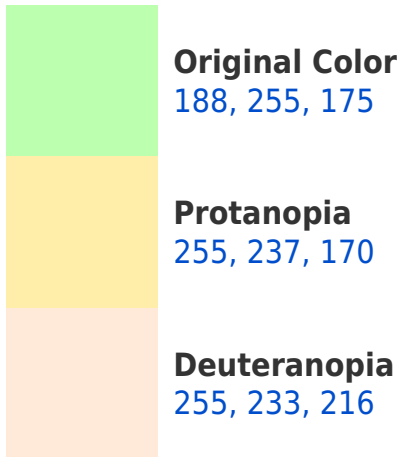


This preview shows how white text looks on a background with the RGB color 188, 255, 175.

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





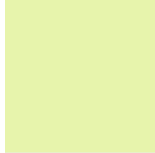
Tritanopia
215, 242, 255

Trichromacy



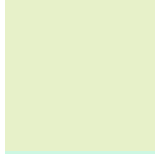
Original Color

188, 255, 175



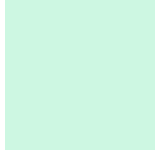
Protanomaly

231, 244, 172



Deuteranomaly

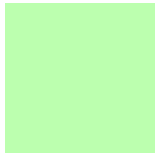
231, 241, 201



Tritanomaly

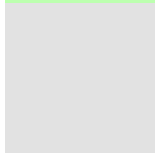
205, 247, 226

Monochromacy



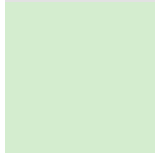
Original Color

188, 255, 175



Achromatopsia

226, 226, 226



Achromatomaly

212, 237, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 255, 175 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, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 255, 175)  
}
```

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, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 175) }
```

Border

The CSS property to change the border of an element to RGB 188, 255, 175 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, 255, 175) }
```

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

```
.border{ border-color:rgb(188, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 255,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 188, 255, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 255, 175) }
```

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

```
.background{ background-color: rgb(188,  
255, 175) }
```

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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