Converting Colors

RGB(188, 255, 185)

Have a look what the booklet for RGB(188, 255, 185) contains.

Color

RGB(188, 255, 185)

Conversions

Conversions Part 1

Format	Color
Hex	BCFFB9
RGB	188, 255, 185
RGB Percent	74%, 100%, 73%
CMY	0.2627, 0.0000, 0.2745
CMYK	0.26, 0.00, 0.27, 0.00
HSL	117°, 100%, 86%
HSV	117°, 27%, 100%
XYZ	65.2560, 85.7141, 59.0041
YIQ	226.9870, -17.4620, -35.9740

Conversions

Conversions Part 2

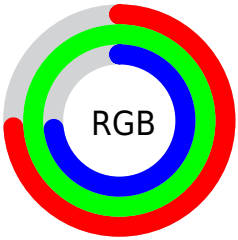
Format	Color
RYB	185, 255, 252
Decimal	12386233
CIELab	94.19, -33.86, 26.93
CIELCh	94, 43.264, 141.510
Yxy	85.7141, 0.3108, 0.4082
Android (android.graphics.Color)	4290576313 (0xFFBCFFB9)
YUV	226.9870, -20.6996, -34.1916
Hunter-Lab	92.5819, -36.2034, 27.0208

Details

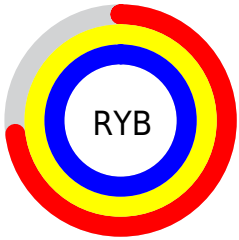
The RGB color 188, 255, 185 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 252, 185, 255, and the grayscale version is 227, 227, 227.

A 20% lighter version of the original color is 245, 255, 241, and 133, 198, 131 is the 20% darker color. If you saturate the color by 10%, you get 164, 255, 160, and if you desaturate by 10%, it is 212, 255, 211.

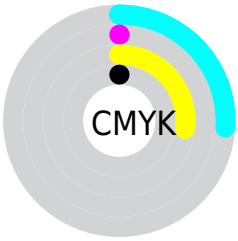
Distribution



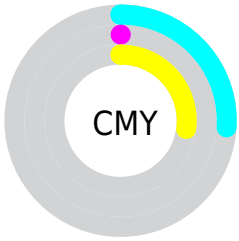
- Red (74%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (99%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 255, 185 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, 185 by changing the saturation by 10% instead.

188, 255, 185

255, 255, 255

245, 255, 241

188, 255, 185

160, 226, 158

133, 198, 131

106, 170, 106

80, 144, 81

54, 118, 58

27, 93, 35

0, 68, 12

0, 45, 0

0, 23, 0

188, 255, 185

164, 255, 160

139, 255, 134

115, 255, 108

90, 255, 83

66, 255, 57

42, 255, 32

17, 255, 7

11, 255, 0

188, 255, 185

212, 255, 211

237, 255, 236

255, 255, 255

Harmonies

Analogous

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

236, 245, 159

188, 255, 185

137, 255, 225

Triad

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

188, 255, 185

162, 246, 255

255, 208, 210

Complementary

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

188, 255, 185

252, 185, 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, 208, 252

188, 255, 185

227, 232, 255

Square

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

188, 255, 185

104, 255, 255

255, 217, 255

255, 218, 175

Rectangle

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

188, 255, 185

106, 255, 253

255, 217, 255

255, 207, 224

Sweetspot

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

188, 255, 185

235, 255, 235

255, 251, 185

115, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

188, 255, 185

174, 255, 171

185, 255, 217

115, 128, 115

8, 191, 0

3, 64, 0

Inverse Universe

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

252, 185, 255

251, 171, 255

255, 185, 224

127, 115, 128

183, 0, 191

61, 0, 64

Previews

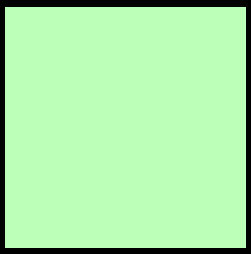
White Background

This preview shows how the RGB color 188, 255, 185 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



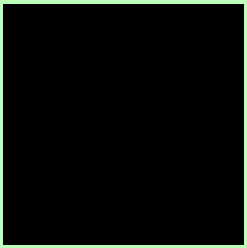
This preview shows how the RGB color 188, 255, 185 looks on a black background.

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, 185 Background



This preview shows how black text looks on a background with the RGB color 188, 255, 185.

This preview shows how white text looks on a background with the RGB color 188, 255, 185.

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

Original Color
188, 255, 185

Protanopia
255, 237, 177

Deuteranopia
255, 234, 219

Tritanopia
216, 242, 255

Trichromacy

Original Color
188, 255, 185

Protanomaly
231, 244, 180

Deuteranomaly
231, 242, 207

Tritanomaly
206, 247, 230

Monochromacy

Original Color
188, 255, 185

Achromatopsia
227, 227, 227

Achromatomaly
213, 237, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 255, 185 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, 185) looks like.

```
.text, #text, p{
    color:rgb(188, 255, 185)
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 255, 185) }
```

Border

The CSS property to change the border of an element to RGB 188, 255, 185 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, 185) }
```

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

```
.border{ border-color:rgb(188, 255, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 255, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 255, 185); box-shadow:4px 4px 4px 4px rgb(188, 255, 185) }
```

Background

The CSS property to change the background color of an element to RGB 188, 255, 185 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, 185) }
```

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

```
.background{ background-color:rgb(188,
255, 185) }
```

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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