Converting Colors

RGB(202, 247, 151)

Have a look what the booklet for RGB(202, 247, 151) contains.

Color

RGB(202, 247, 151)

Conversions

Conversions Part 1

Format	Color
Hex	CAF797
RGB	202, 247, 151
RGB Percent	79%, 97%, 59%
CMY	0.2078, 0.0314, 0.4078
CMYK	0.18, 0.00, 0.39, 0.03
HSL	88°, 86%, 78%
HSV	88°, 39%, 97%
XYZ	63.2038, 81.3125, 41.6418
YIQ	222.6010, 3.9960, -39.3960

Conversions

Conversions Part 2

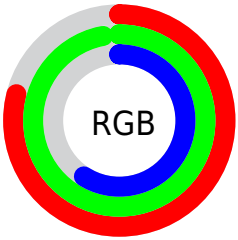
Format	Color
RYB	151, 247, 196
Decimal	13301655
CIELab	92.27, -30.26, 41.50
CIELCh	92, 51.363, 126.101
Yxy	81.3125, 0.3395, 0.4368
Android (android.graphics.Color)	4291491735 (0xFFCAF797)
YUV	222.6010, -35.2993, -18.0671
Hunter-Lab	90.1734, -32.6904, 35.7414

Details

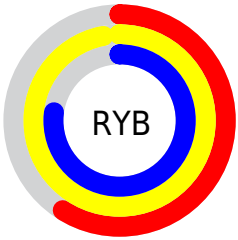
The RGB color 202, 247, 151 is a light color, and the websafe version is hex CCFF99. A complement of this color would be 196, 151, 247, and the grayscale version is 223, 223, 223.

A 20% lighter version of the original color is 255, 255, 206, and 146, 190, 98 is the 20% darker color. If you saturate the color by 10%, you get 190, 247, 126, and if you desaturate by 10%, it is 214, 247, 176.

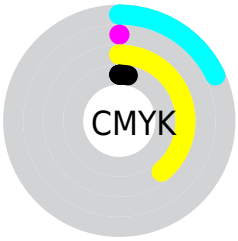
Distribution



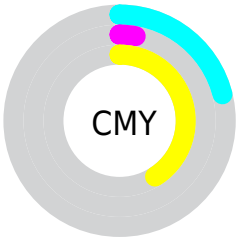
- Red (79%)
- Green (97%)
- Blue (59%)



- Red (59%)
- Yellow (97%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (3%)



- Cyan (21%)
- Magenta (3%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RGB color 202, 247, 151 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 202, 247, 151 by changing the saturation by 10% instead.

202, 247, 151

255, 255, 255

255, 255, 206

255, 255, 235

202, 247, 151

174, 218, 124

146, 190, 98

119, 163, 73

93, 137, 48

67, 111, 22

42, 86, 0

16, 63, 0

0, 41, 0

0, 15, 0

202, 247, 151

190, 247, 126

179, 247, 102

167, 247, 77

156, 247, 52

144, 247, 27

133, 247, 3

131, 247, 0

202, 247, 151

214, 247, 176

225, 247, 200

237, 247, 225

248, 247, 250

255, 247, 255

Harmonies

Analogous

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

255, 233, 133

202, 247, 151

140, 255, 191

Triad

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

202, 247, 151

74, 249, 255

255, 193, 224

Complementary

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

202, 247, 151

196, 151, 247

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, 200, 255

202, 247, 151

176, 234, 255

Square

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

202, 247, 151

0, 255, 255

251, 216, 255

255, 200, 177

Rectangle

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

202, 247, 151

89, 255, 224

251, 216, 255

255, 194, 241

Sweetspot

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

202, 247, 151

241, 255, 224

247, 196, 151

119, 128, 110

0, 0, 0

128, 128, 128

Same Dimension

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

202, 247, 151

199, 255, 135

154, 247, 151

117, 122, 110

99, 186, 0

31, 59, 0

Inverse Universe

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

196, 151, 247

191, 135, 255

244, 151, 247

116, 110, 122

87, 0, 186

27, 0, 59

Previews

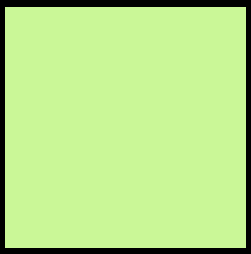
White Background

This preview shows how the RGB color 202, 247, 151 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



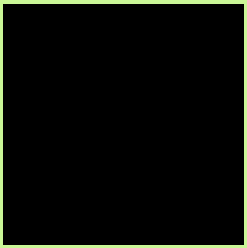
This preview shows how the RGB color 202, 247, 151 looks on a black background.

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 202, 247, 151 Background



This preview shows how black text looks on a background with the RGB color 202, 247, 151.

This preview shows how white text looks on a background with the RGB color 202, 247, 151.

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
202, 247, 151

Protanopia
253, 232, 145

Deuteranopia
255, 228, 201

Tritanopia
217, 235, 253

Trichromacy

Original Color
202, 247, 151

Protanomaly
234, 237, 147

Deuteranomaly
236, 235, 183

Tritanomaly
212, 239, 216

Monochromacy

Original Color
202, 247, 151

Achromatopsia
223, 223, 223

Achromatomaly
215, 232, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 247, 151 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(202, 247, 151) looks like.

```
.text, #text, p{
    color:rgb(202, 247, 151)
}
```

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(202, 247, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 247, 151) }
```

Border

The CSS property to change the border of an element to RGB 202, 247, 151 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(202, 247, 151) }
```

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

```
.border{ border-color:rgb(202, 247, 151) }
```

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

Here you see how a box with a 4 pixel rgb(202, 247, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 247, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 247, 151); box-shadow:4px 4px 4px 4px rgb(202, 247, 151) }
```

Background

The CSS property to change the background color of an element to RGB 202, 247, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(202, 247, 151) }
```

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

```
.background{ background-color:rgb(202,
247, 151) }
```

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.

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

Learn more, Memberships starting at $2.50/m!

Follow me on Twitter!

@ConvertingColor