Converting Colors

RGB(224, 252, 180)

Have a look what the booklet for RGB(224, 252, 180) contains.

Color

RGB(224, 252, 180)

Conversions

Conversions Part 1

Format	Color
Hex	E0FCB4
RGB	224, 252, 180
RGB Percent	88%, 99%, 71%
CMY	0.1216, 0.0118, 0.2941
CMYK	0.11, 0.00, 0.29, 0.01
HSL	83°, 92%, 85%
HSV	83°, 29%, 99%
XYZ	73.7891, 88.7634, 56.4240
YIQ	235.4200, 6.4240, -28.3280

Conversions

Conversions Part 2

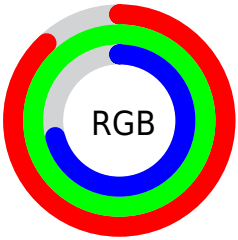
Format	Color
RYB	180, 252, 208
Decimal	14744756
CIELab	95.48, -20.99, 31.57
CIELCh	95, 37.905, 123.617
Yxy	88.7634, 0.3370, 0.4054
Android (android.graphics.Color)	4292934836 (0xFFE0FCB4)
YUV	235.4200, -27.3221, -10.0153
Hunter-Lab	94.2143, -25.0730, 30.4419

Details

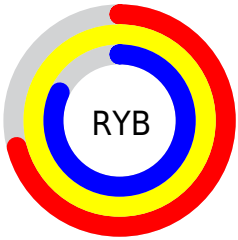
The RGB color 224, 252, 180 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 208, 180, 252, and the grayscale version is 236, 236, 236.

A 20% lighter version of the original color is 255, 255, 236, and 168, 195, 127 is the 20% darker color. If you saturate the color by 10%, you get 214, 252, 155, and if you desaturate by 10%, it is 234, 252, 205.

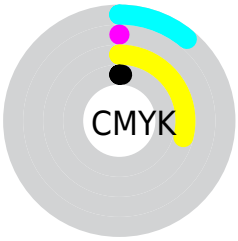
Distribution



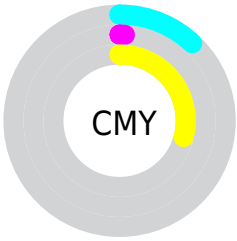
- Red (88%)
- Green (99%)
- Blue (71%)



- Red (71%)
- Yellow (99%)
- Blue (82%)



- Cyan (11%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 252, 180 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 224, 252, 180 by changing the saturation by 10% instead.

224, 252, 180

255, 255, 255

255, 255, 236

224, 252, 180

196, 223, 153

168, 195, 127

141, 168, 101

115, 142, 76

90, 116, 53

65, 91, 29

41, 68, 5

19, 45, 0

0, 27, 0

224, 252, 180

214, 252, 155

204, 252, 130

195, 252, 104

185, 252, 79

175, 252, 54

165, 252, 29

155, 252, 4

154, 252, 0

224, 252, 180

234, 252, 205

244, 252, 230

253, 252, 255

255, 252, 255

Harmonies

Analogous

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

255, 241, 169

224, 252, 180

181, 255, 208

Triad

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

224, 252, 180

150, 255, 255

255, 215, 239

Complementary

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

224, 252, 180

208, 180, 252

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, 220, 255

224, 252, 180

201, 244, 255

Square

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

224, 252, 180

126, 255, 255

253, 231, 255

255, 218, 203

Rectangle

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

224, 252, 180

154, 255, 233

253, 231, 255

255, 215, 251

Sweetspot

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

224, 252, 180

246, 255, 232

252, 208, 180

122, 128, 113

0, 0, 0

128, 128, 128

Same Dimension

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

224, 252, 180

221, 255, 168

188, 252, 180

120, 125, 112

115, 189, 0

37, 61, 0

Inverse Universe

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

208, 180, 252

202, 168, 255

244, 180, 252

117, 112, 125

73, 0, 189

24, 0, 61

Previews

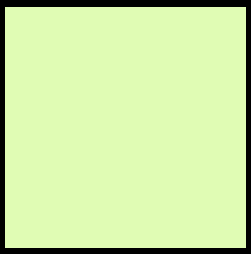
White Background

This preview shows how the RGB color 224, 252, 180 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



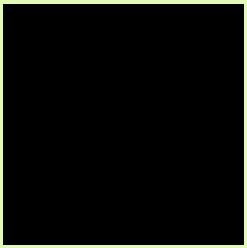
This preview shows how the RGB color 224, 252, 180 looks on a black background.

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 224, 252, 180 Background



This preview shows how black text looks on a background with the RGB color 224, 252, 180.

This preview shows how white text looks on a background with the RGB color 224, 252, 180.

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
224, 252, 180

Protanopia
255, 241, 196

Deuteranopia
255, 239, 227

Tritanopia
237, 242, 255

Trichromacy

Original Color
224, 252, 180

Protanomaly
244, 245, 190

Deuteranomaly
244, 244, 210

Tritanomaly
232, 246, 228

Monochromacy

Original Color
224, 252, 180

Achromatopsia
235, 235, 235

Achromatomaly
231, 241, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 252, 180 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(224, 252, 180) looks like.

```
.text, #text, p{
    color:rgb(224, 252, 180)
}
```

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(224, 252, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 180) }
```

Border

The CSS property to change the border of an element to RGB 224, 252, 180 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(224, 252, 180) }
```

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

```
.border{ border-color:rgb(224, 252, 180) }
```

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

Here you see how a box with a 4 pixel rgb(224, 252, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 252, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 252, 180); box-shadow:4px 4px 4px 4px rgb(224, 252, 180) }
```

Background

The CSS property to change the background color of an element to RGB 224, 252, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(224, 252, 180) }
```

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

```
.background{ background-color:rgb(224,
252, 180) }
```

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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