Converting Colors

RGB(224, 252, 204)

Have a look what the booklet for RGB(224, 252, 204) contains.

Color

RGB(224, 252, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E0FCCC
RGB	224, 252, 204
RGB Percent	88%, 99%, 80%
CMY	0.1216, 0.0118, 0.2000
CMYK	0.11, 0.00, 0.19, 0.01
HSL	95°, 89%, 89%
HSV	95°, 19%, 99%
XYZ	76.4500, 89.8277, 70.4359
YIQ	238.1560, -1.2800, -20.8640

Conversions

Conversions Part 2

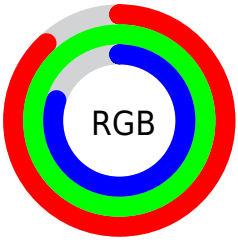
Format	Color
RYB	204, 252, 232
Decimal	14744780
CIELab	95.93, -17.44, 20.00
CIELCh	96, 26.538, 131.084
Yxy	89.8277, 0.3230, 0.3795
Android (android.graphics.Color)	4292934860 (0xFFE0FCCC)
YUV	238.1560, -16.8389, -12.4148
Hunter-Lab	94.7775, -21.8779, 22.2816

Details

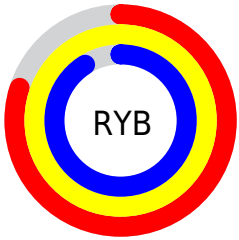
The RGB color 224, 252, 204 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 232, 204, 252, and the grayscale version is 238, 238, 238.

A 20% lighter version of the original color is 255, 255, 255, and 168, 195, 150 is the 20% darker color. If you saturate the color by 10%, you get 209, 252, 179, and if you desaturate by 10%, it is 239, 252, 229.

Distribution

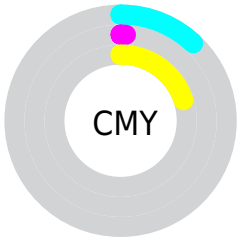


- Red (88%)
- Green (99%)
- Blue (80%)



- Red (80%)
- Yellow (99%)
- Blue (91%)

- Cyan (11%)
- Magenta (0%)
- Yellow (19%)
- Black (1%)



- Cyan (12%)
- Magenta (1%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 252, 204 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, 204 by changing the saturation by 10% instead.

224, 252, 204

255, 255, 255

224, 252, 204

196, 223, 176

168, 195, 150

142, 168, 124

116, 142, 99

91, 116, 75

67, 91, 52

44, 68, 30

22, 45, 7

0, 26, 0

224, 252, 204

209, 252, 179

195, 252, 154

180, 252, 128

165, 252, 103

150, 252, 78

136, 252, 53

121, 252, 28

106, 252, 2

105, 252, 0

224, 252, 204

239, 252, 229

253, 252, 254

255, 252, 255

Harmonies

Analogous

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

253, 245, 193

224, 252, 204

196, 255, 226

Triad

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

224, 252, 204

194, 250, 255

255, 225, 234

Complementary

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

224, 252, 204

232, 204, 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, 227, 255

224, 252, 204

226, 242, 255

Square

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

224, 252, 204

174, 255, 255

255, 234, 255

255, 229, 211

Rectangle

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

224, 252, 204

181, 255, 243

255, 234, 255

255, 225, 243

Sweetspot

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

224, 252, 204

246, 255, 240

252, 232, 204

122, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

224, 252, 204

221, 255, 196

204, 252, 208

118, 125, 112

79, 189, 0

25, 61, 0

Inverse Universe

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

232, 204, 252

231, 196, 255

252, 204, 248

120, 112, 125

110, 0, 189

36, 0, 61

Previews

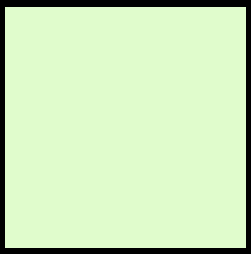
White Background

This preview shows how the RGB color 224, 252, 204 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



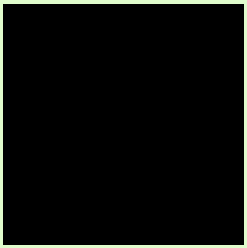
This preview shows how the RGB color 224, 252, 204 looks on a black background.

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, 204 Background



This preview shows how black text looks on a background with the RGB color 224, 252, 204.

This preview shows how white text looks on a background with the RGB color 224, 252, 204.

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, 204

Protanopia
255, 242, 206

Deuteranopia
255, 240, 232

Tritanopia
237, 243, 255

Trichromacy

Original Color
224, 252, 204

Protanomaly
244, 246, 205

Deuteranomaly
244, 244, 222

Tritanomaly
232, 246, 236

Monochromacy

Original Color
224, 252, 204

Achromatopsia
238, 238, 238

Achromatomaly
233, 243, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 252, 204 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, 204) looks like.

```
.text, #text, p{
    color:rgb(224, 252, 204)
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 252, 204) }
```

Border

The CSS property to change the border of an element to RGB 224, 252, 204 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, 204) }
```

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

```
.border{ border-color:rgb(224, 252, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(224, 252, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(224, 252, 204); box-shadow:4px 4px 4px 4px rgb(224, 252, 204) }
```

Background

The CSS property to change the background color of an element to RGB 224, 252, 204 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, 204) }
```

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

```
.background{ background-color:rgb(224,
252, 204) }
```

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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