Converting Colors

RGB(230, 255, 204)

Have a look what the booklet for RGB(230, 255, 204) contains.

Color

RGB(230, 255, 204)

Conversions

Conversions Part 1

Format	Color
Hex	E6FFCC
RGB	230, 255, 204
RGB Percent	90%, 100%, 80%
CMY	0.0980, 0.0000, 0.2000
CMYK	0.10, 0.00, 0.20, 0.00
HSL	89°, 100%, 90%
HSV	89°, 20%, 100%
XYZ	79.2922, 92.7026, 70.8410
YIQ	241.7110, 1.4710, -21.1610

Conversions

Conversions Part 2

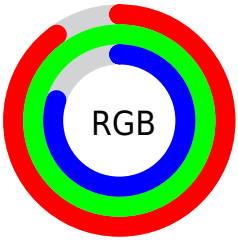
Format	Color
RYB	204, 255, 229
Decimal	15138764
CIELab	97.11, -16.84, 21.71
CIELCh	97, 27.475, 127.801
Yxy	92.7026, 0.3265, 0.3818
Android (android.graphics.Color)	4293328844 (0xFFE6FFCC)
YUV	241.7110, -18.5915, -10.2705
Hunter-Lab	96.2822, -21.4920, 23.7741

Details

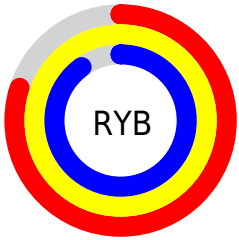
The RGB color 230, 255, 204 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 229, 204, 255, and the grayscale version is 242, 242, 242.

A 20% lighter version of the original color is 255, 255, 255, and 174, 198, 150 is the 20% darker color. If you saturate the color by 10%, you get 218, 255, 179, and if you desaturate by 10%, it is 243, 255, 230.

Distribution

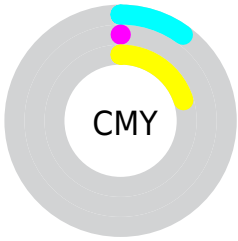


- Red (90%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (90%)

- Cyan (10%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (10%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 230, 255, 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 230, 255, 204 by changing the saturation by 10% instead.

230, 255, 204

255, 255, 255

230, 255, 204

202, 226, 176

174, 198, 150

147, 171, 124

121, 144, 99

96, 119, 74

72, 94, 51

48, 70, 29

27, 48, 6

0, 28, 0

230, 255, 204

218, 255, 179

205, 255, 153

193, 255, 128

180, 255, 102

168, 255, 77

155, 255, 51

143, 255, 25

130, 255, 0

230, 255, 204

243, 255, 230

255, 255, 255

Harmonies

Analogous

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

255, 247, 194

230, 255, 204

200, 255, 226

Triad

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

230, 255, 204

192, 255, 255

255, 228, 241

Complementary

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

230, 255, 204

229, 204, 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, 230, 255

230, 255, 204

225, 247, 255

Square

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

230, 255, 204

173, 255, 255

255, 238, 255

255, 231, 215

Rectangle

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

230, 255, 204

184, 255, 244

255, 238, 255

255, 228, 250

Sweetspot

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

230, 255, 204

248, 255, 240

255, 229, 204

123, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

230, 255, 204

225, 255, 194

205, 255, 204

121, 128, 115

98, 191, 0

33, 64, 0

Inverse Universe

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

229, 204, 255

224, 194, 255

254, 204, 255

121, 115, 128

94, 0, 191

31, 0, 64

Previews

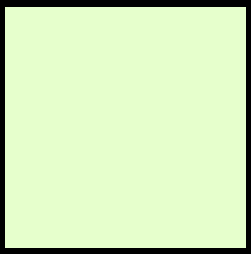
White Background

This preview shows how the RGB color 230, 255, 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



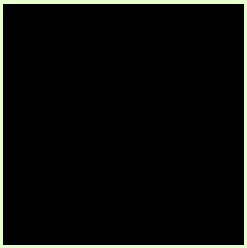
This preview shows how the RGB color 230, 255, 204 looks on a black background.

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 230, 255, 204 Background



This preview shows how black text looks on a background with the RGB color 230, 255, 204.

This preview shows how white text looks on a background with the RGB color 230, 255, 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
230, 255, 204

Protanopia
255, 246, 221

Deuteranopia
255, 244, 239

Tritanopia
243, 246, 255

Trichromacy

Original Color
230, 255, 204

Protanomaly
246, 249, 215

Deuteranomaly
246, 248, 226

Tritanomaly
238, 249, 236

Monochromacy

Original Color
230, 255, 204

Achromatopsia
242, 242, 242

Achromatomaly
238, 247, 228

CSS Examples

Text

The CSS property to change the color of the text to RGB 230, 255, 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(230, 255, 204) looks like.

```
.text, #text, p{
    color:rgb(230, 255, 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(230, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 204) }
```

Border

The CSS property to change the border of an element to RGB 230, 255, 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(230, 255, 204) }
```

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

```
.border{ border-color:rgb(230, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(230, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(230, 255, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(230, 255, 204); box-shadow:4px 4px 4px 4px rgb(230, 255, 204) }
```

Background

The CSS property to change the background color of an element to RGB 230, 255, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(230, 255, 204) }
```

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

```
.background{ background-color:rgb(230,
255, 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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