Converting Colors

RGB(229, 249, 225)

Have a look what the booklet for RGB(229, 249, 225) contains.

Color

RGB(229, 249, 225)

Conversions

Conversions Part 1

Format	Color
Hex	E5F9E1
RGB	229, 249, 225
RGB Percent	90%, 98%, 88%
CMY	0.1020, 0.0235, 0.1176
CMYK	0.08, 0.00, 0.10, 0.02
HSL	110°, 67%, 93%
HSV	110°, 10%, 98%
XYZ	79.7794, 89.8456, 84.3713
YIQ	240.2840, -4.2160, -11.7040

Conversions

Conversions Part 2

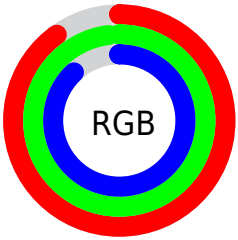
Format	Color
RYB	225, 249, 245
Decimal	15071713
CIELab	95.93, -10.82, 9.29
CIELCh	96, 14.258, 139.351
Yxy	89.8456, 0.3141, 0.3537
Android (android.graphics.Color)	4293261793 (0xFFE5F9E1)
YUV	240.2840, -7.5350, -9.8961
Hunter-Lab	94.7869, -15.6389, 13.5759

Details

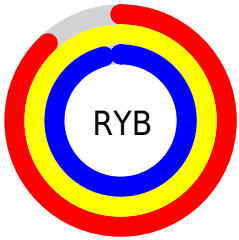
The RGB color 229, 249, 225 is a light color, and the websafe version is hex FFFFFF. A complement of this color would be 245, 225, 249, and the grayscale version is 240, 240, 240.

A 20% lighter version of the original color is 255, 255, 255, and 173, 193, 170 is the 20% darker color. If you saturate the color by 10%, you get 208, 249, 200, and if you desaturate by 10%, it is 250, 249, 250.

Distribution

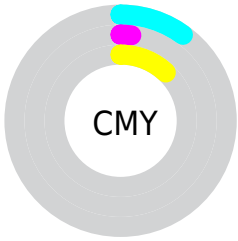


- Red (90%)
- Green (98%)
- Blue (88%)



- Red (88%)
- Yellow (98%)
- Blue (96%)

- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (10%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 229, 249, 225 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 229, 249, 225 by changing the saturation by 10% instead.

229, 249, 225

255, 255, 255

229, 249, 225

201, 220, 197

173, 193, 170

147, 165, 143

121, 139, 118

96, 114, 93

72, 89, 69

50, 66, 47

28, 43, 26

4, 24, 0

229, 249, 225

208, 249, 200

188, 249, 175

167, 249, 150

146, 249, 125

125, 249, 101

105, 249, 76

84, 249, 51

63, 249, 26

42, 249, 1

229, 249, 225

250, 249, 250

255, 249, 255

Harmonies

Analogous

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

245, 245, 217

229, 249, 225

216, 251, 238

Triad

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

229, 249, 225

223, 246, 255

255, 234, 235

Complementary

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

229, 249, 225

245, 225, 249

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, 234, 249

229, 249, 225

240, 241, 255

Square

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

229, 249, 225

212, 250, 255

255, 237, 255

255, 237, 223

Rectangle

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

229, 249, 225

210, 252, 247

255, 237, 255

255, 234, 239

Sweetspot

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

229, 249, 225

249, 255, 247

249, 245, 225

123, 128, 122

0, 0, 0

128, 128, 128

Same Dimension

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

229, 249, 225

230, 255, 224

225, 249, 233

115, 125, 112

31, 189, 0

10, 61, 0

Inverse Universe

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

245, 225, 249

250, 224, 255

249, 225, 241

123, 112, 125

157, 0, 189

51, 0, 61

Previews

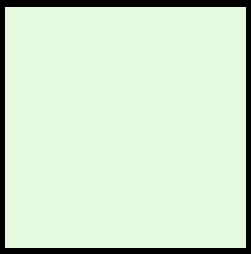
White Background

This preview shows how the RGB color 229, 249, 225 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



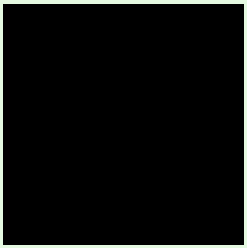
This preview shows how the RGB color 229, 249, 225 looks on a black background.

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 229, 249, 225 Background



This preview shows how black text looks on a background with the RGB color 229, 249, 225.

This preview shows how white text looks on a background with the RGB color 229, 249, 225.

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
229, 249, 225

Protanopia
252, 242, 221

Deuteranopia
255, 240, 237

Tritanopia
238, 243, 255

Trichromacy

Original Color
229, 249, 225

Protanomaly
244, 245, 222

Deuteranomaly
246, 243, 233

Tritanomaly
235, 245, 244

Monochromacy

Original Color
229, 249, 225

Achromatopsia
240, 240, 240

Achromatomaly
236, 243, 235

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 249, 225 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(229, 249, 225) looks like.

```
.text, #text, p{
    color:rgb(229, 249, 225)
}
```

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(229, 249, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 249, 225) }
```

Border

The CSS property to change the border of an element to RGB 229, 249, 225 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(229, 249, 225) }
```

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

```
.border{ border-color:rgb(229, 249, 225) }
```

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

Here you see how a box with a 4 pixel rgb(229, 249, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 249, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 249, 225); box-shadow:4px 4px 4px 4px rgb(229, 249, 225) }
```

Background

The CSS property to change the background color of an element to RGB 229, 249, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(229, 249, 225) }
```

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

```
.background{ background-color:rgb(229,
249, 225) }
```

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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