Converting Colors

RGB(213, 226, 183)

Have a look what the booklet for RGB(213, 226, 183) contains.

Color

RGB(213, 226, 183)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2B7
RGB	213, 226, 183
RGB Percent	84%, 89%, 72%
CMY	0.1647, 0.1137, 0.2824
CMYK	0.06, 0.00, 0.19, 0.11
HSL	78°, 43%, 80%
HSV	78°, 19%, 89%
XYZ	63.1842, 71.9577, 55.3588
YIQ	217.2110, 6.0550, -16.1290

Conversions

Conversions Part 2

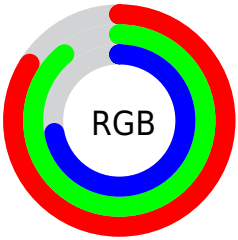
Format	Color
RYB	183, 226, 196
Decimal	14017207
CIELab	87.95, -11.68, 19.59
CIELCh	88, 22.810, 120.794
Yxy	71.9577, 0.3317, 0.3777
Android (android.graphics.Color)	4292207287 (0xFFD5E2B7)
YUV	217.2110, -16.8660, -3.6930
Hunter-Lab	84.8279, -15.4929, 20.6868

Details

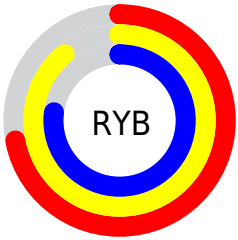
The RGB color 213, 226, 183 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 196, 183, 226, and the grayscale version is 217, 217, 217.

A 20% lighter version of the original color is 255, 255, 239, and 158, 171, 130 is the 20% darker color. If you saturate the color by 10%, you get 206, 226, 160, and if you desaturate by 10%, it is 220, 226, 206.

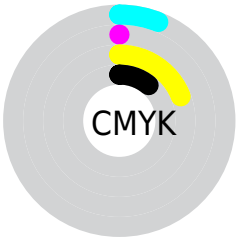
Distribution



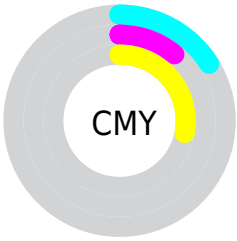
- Red (84%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (77%)



- Cyan (6%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 213, 226, 183 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 213, 226, 183 by changing the saturation by 10% instead.

213, 226, 183

255, 255, 255

255, 255, 239

213, 226, 183

185, 198, 156

158, 171, 130

132, 144, 105

106, 119, 80

82, 94, 57

58, 70, 35

36, 48, 14

14, 27, 0

0, 0, 0

213, 226, 183

206, 226, 160

199, 226, 138

193, 226, 115

186, 226, 93

179, 226, 70

172, 226, 47

165, 226, 25

158, 226, 2

158, 226, 0

213, 226, 183

220, 226, 206

227, 226, 228

233, 226, 251

240, 226, 255

247, 226, 255

254, 226, 255

255, 226, 255

Harmonies

Analogous

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

237, 219, 177

213, 226, 183

188, 231, 199

Triad

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

213, 226, 183

172, 229, 255

255, 205, 221

Complementary

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

213, 226, 183

196, 183, 226

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.

249, 208, 242

213, 226, 183

197, 222, 255

Square

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

213, 226, 183

162, 232, 242

225, 215, 255

255, 207, 199

Rectangle

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

213, 226, 183

174, 233, 213

225, 215, 255

255, 206, 228

Sweetspot

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

213, 226, 183

250, 255, 240

226, 196, 183

125, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

213, 226, 183

237, 255, 196

192, 226, 183

109, 112, 101

123, 176, 0

34, 48, 0

Inverse Universe

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

196, 183, 226

214, 196, 255

217, 183, 226

104, 101, 112

53, 0, 176

15, 0, 48

Previews

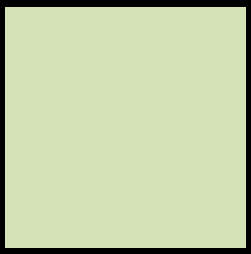
White Background

This preview shows how the RGB color 213, 226, 183 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



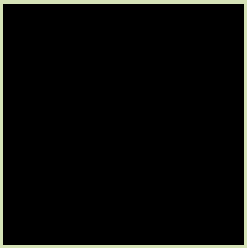
This preview shows how the RGB color 213, 226, 183 looks on a black background.

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 213, 226, 183 Background



This preview shows how black text looks on a background with the RGB color 213, 226, 183.

This preview shows how white text looks on a background with the RGB color 213, 226, 183.

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
213, 226, 183

Protanopia
233, 220, 180

Deuteranopia
254, 212, 186

Tritanopia
221, 219, 236

Trichromacy

Original Color
213, 226, 183

Protanomaly
226, 222, 181

Deuteranomaly
239, 217, 185

Tritanomaly
218, 222, 217

Monochromacy

Original Color
213, 226, 183

Achromatopsia
217, 217, 217

Achromatomaly
216, 220, 205

CSS Examples

Text

The CSS property to change the color of the text to RGB 213, 226, 183 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(213, 226, 183) looks like.

```
.text, #text, p{
    color:rgb(213, 226, 183)
}
```

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(213, 226, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 183) }
```

Border

The CSS property to change the border of an element to RGB 213, 226, 183 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(213, 226, 183) }
```

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

```
.border{ border-color:rgb(213, 226, 183) }
```

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

Here you see how a box with a 4 pixel rgb(213, 226, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 226, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 226, 183); box-shadow:4px 4px 4px 4px rgb(213, 226, 183) }
```

Background

The CSS property to change the background color of an element to RGB 213, 226, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(213, 226, 183) }
```

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

```
.background{ background-color:rgb(213,
226, 183) }
```

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