Converting Colors

RGB(200, 227, 180)

Have a look what the booklet for RGB(200, 227, 180) contains.

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Color

RGB(200, 227, 180)

Conversions

Conversions Part 1

Format	Color
Hex	C8E3B4
RGB	200, 227, 180
RGB Percent	78%, 89%, 71%
CMY	0.2157, 0.1098, 0.2941
CMYK	0.12, 0.00, 0.21, 0.11
HSL	94°, 46%, 80%
HSV	94°, 21%, 89%
XYZ	59.5267, 70.5128, 53.6530
YIQ	213.5690, -1.0050, -20.3410

Conversions

Conversions Part 2

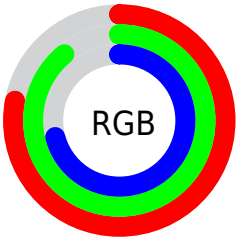
Format	Color
RYB	180, 227, 207
Decimal	13165492
CIELab	87.25, -17.25, 20.04
CIELCh	87, 26.442, 130.710
Yxy	70.5128, 0.3241, 0.3839
Android (android.graphics.Color)	4291355572 (0xFFC8E3B4)
YUV	213.5690, -16.5495, -11.9000
Hunter-Lab	83.9719, -20.4142, 20.8976

Details

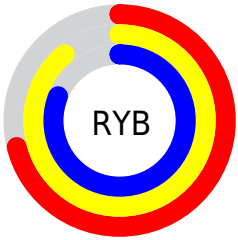
The RGB color 200, 227, 180 is a light color, and the websafe version is hex CCFFCC. A complement of this color would be 207, 180, 227, and the grayscale version is 214, 214, 214.

A 20% lighter version of the original color is 255, 255, 236, and 146, 172, 127 is the 20% darker color. If you saturate the color by 10%, you get 187, 227, 157, and if you desaturate by 10%, it is 213, 227, 203.

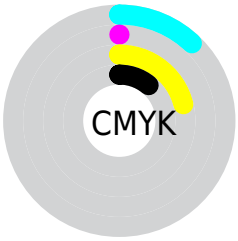
Distribution



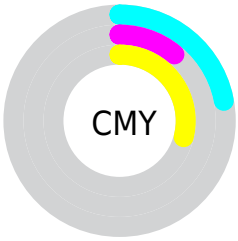
- Red (78%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 227, 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 200, 227, 180 by changing the saturation by 10% instead.

200, 227, 180

255, 255, 255

255, 255, 236

200, 227, 180

172, 199, 153

146, 172, 127

120, 145, 102

95, 119, 78

70, 94, 54

47, 71, 32

25, 48, 11

0, 28, 0

0, 0, 0

200, 227, 180

187, 227, 157

174, 227, 135

161, 227, 112

148, 227, 89

135, 227, 67

122, 227, 44

109, 227, 21

97, 227, 0

200, 227, 180

213, 227, 203

226, 227, 225

239, 227, 248

252, 227, 255

255, 227, 255

Harmonies

Analogous

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

228, 220, 169

200, 227, 180

172, 232, 201

Triad

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

200, 227, 180

169, 226, 255

255, 201, 210

Complementary

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

200, 227, 180

207, 180, 227

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, 203, 236

200, 227, 180

201, 218, 255

Square

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

200, 227, 180

149, 231, 250

234, 209, 255

255, 204, 187

Rectangle

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

200, 227, 180

157, 233, 218

234, 209, 255

255, 201, 219

Sweetspot

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

200, 227, 180

246, 255, 240

227, 207, 180

122, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

200, 227, 180

218, 255, 191

180, 227, 183

108, 115, 103

76, 179, 0

22, 51, 0

Inverse Universe

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

207, 180, 227

228, 191, 255

227, 180, 224

110, 103, 115

103, 0, 179

29, 0, 51

Previews

White Background

This preview shows how the RGB color 200, 227, 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 200, 227, 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 200, 227, 180 Background

This preview shows how black text looks on a background with the RGB color 200, 227, 180.

This preview shows how white text looks on a background with the RGB color 200, 227, 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
200, 227, 180

Protanopia
232, 218, 176

Deuteranopia
251, 210, 184

Tritanopia
209, 219, 237

Trichromacy

Original Color
200, 227, 180

Protanomaly
220, 221, 177

Deuteranomaly
232, 216, 183

Tritanomaly
206, 222, 216

Monochromacy

Original Color
200, 227, 180

Achromatopsia
214, 214, 214

Achromatomaly
209, 219, 202

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 227, 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(200, 227, 180) looks like.

```
.text, #text, p{
    color:rgb(200, 227, 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(200, 227, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 227, 180) }
```

Border

The CSS property to change the border of an element to RGB 200, 227, 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(200, 227, 180) }
```

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

```
.border{ border-color:rgb(200, 227, 180) }
```

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

Here you see how a box with a 4 pixel rgb(200, 227, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 227, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 227, 180); box-shadow:4px 4px 4px 4px rgb(200, 227, 180) }
```

Background

The CSS property to change the background color of an element to RGB 200, 227, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(200, 227, 180) }
```

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

```
.background{ background-color:rgb(200, 227, 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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