

Converting Colors

`RYB(193, 250, 180)`

Have a look what the booklet for
RYB(193, 250, 180) contains.

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Color

R_YB(193, 250, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FAEFB4
RGB	250, 239, 180
RGB Percent	98%, 94%, 71%
CMY	0.0196, 0.0626, 0.2941
CMYK	0.00, 0.04, 0.28, 0.02
HSL	51°, 88%, 84%
HSV	51°, 28%, 98%
XYZ	78.5396, 85.3735, 55.5193
YIQ	235.5630, 25.4950, -16.0170

Conversions

Conversions Part 2

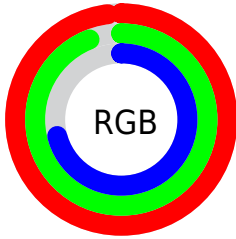
Format	Color
RYB	193, 250, 180
Decimal	16445364
CIELab	94.04, -5.13, 29.95
CIELCh	94, 30.386, 99.723
Yxy	85.3735, 0.3579, 0.3891
Android (android.graphics.Color)	4294635444 (0xFFFAEFB4)
YUV	235.5630, -27.3926, 12.6612
Hunter-Lab	92.3978, -9.9681, 29.0527

Details

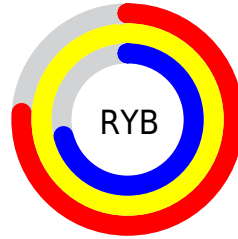
The RYB color **193, 250, 180** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **180, 190, 250**, and the grayscale version is **236, 236, 236**.

A 20% lighter version of the original color is **236, 255, 236**, and **139, 193, 127** is the 20% darker color. If you saturate the color by 10%, you get **173, 250, 155**, and if you desaturate by 10%, it is **213, 250, 205**.

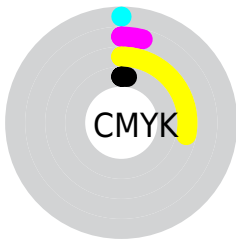
Distribution



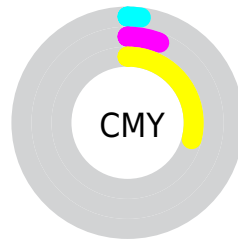
- Red (98%)
- Green (94%)
- Blue (71%)



- Red (76%)
- Yellow (98%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 250, 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 RYB color 193, 250, 180 by changing the saturation by 10% instead.

■ 193, 250, 180

255, 255, 255

■ 236, 255, 236

■ 193, 250, 180

■ 165, 221, 153

■ 139, 193, 127

■ 111, 165, 101

■ 86, 138, 77

■ 61, 112, 53

■ 37, 87, 30

■ 11, 62, 7

■ 2, 39, 0

■ 0, 17, 8

193, 250, 180

193, 250, 180

173, 250, 155

213, 250, 205

153, 250, 130

234, 250, 230

132, 250, 105

250, 251, 255

112, 250, 80

250, 253, 255

92, 250, 55

70, 250, 30

50, 250, 5

46, 250, 0

Harmonies

Analogous

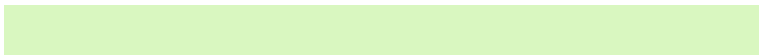
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225, 255, 184



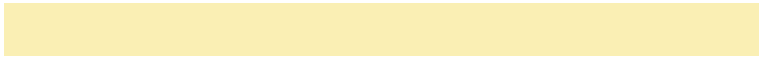
193, 250, 180



192, 247, 222

Triad

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



193, 250, 180



155, 204, 255



255, 219, 255

Complementary

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



193, 250, 180



180, 190, 250

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



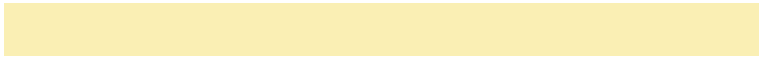
193, 250, 180



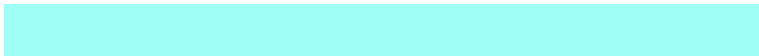
177, 214, 255

Square

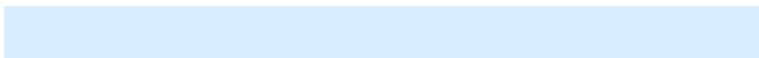
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



193, 250, 180



159, 209, 255



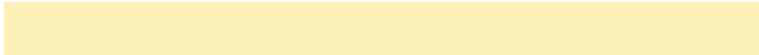
216, 230, 255



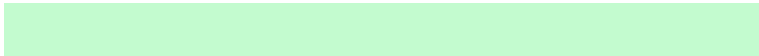
255, 217, 229

Rectangle

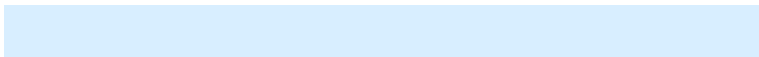
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193, 250, 180



195, 241, 251



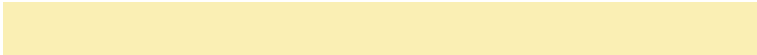
216, 230, 255



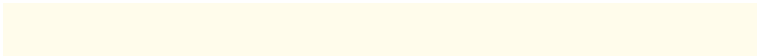
255, 221, 255

Sweetspot

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



193, 250, 180



239, 255, 235



250, 180, 192



117, 128, 115



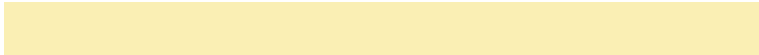
0, 0, 0



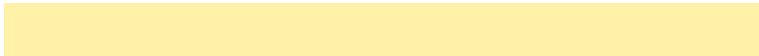
128, 128, 128

Same Dimension

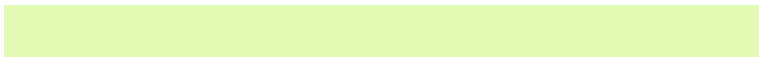
The Same Dimension uses a secret algorithm to generate beautiful new colors.



193, 250, 180



185, 255, 168



180, 250, 203



114, 125, 112



36, 189, 0



11, 61, 0

Inverse Universe

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



180, 190, 250



168, 180, 255



203, 180, 250



112, 114, 125



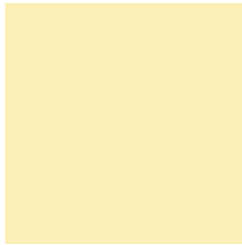
0, 26, 189



0, 9, 61

Previews

White Background



This preview shows how the RYB color 193, 250, 180 looks on a white background.

Color Contrast Check

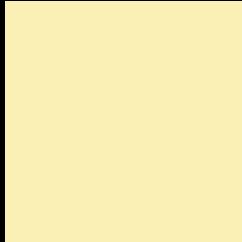
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 193, 250, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

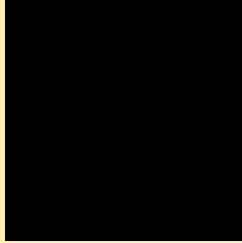
Any Text WCAG AA ✓ Pass

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](#).

RYB 193, 250, 180 Background



This preview shows how black text looks on a background with the RYB color 193, 250, 180.



This preview shows how white text looks on a background with the RYB color 193, 250, 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
193, 250, 180

Protanopia
201, 255, 179

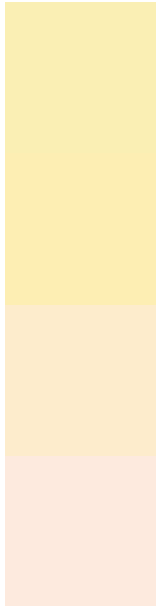
Deuteranopia
255, 246, 218



Tritanopia

255, 231, 246

Trichromacy



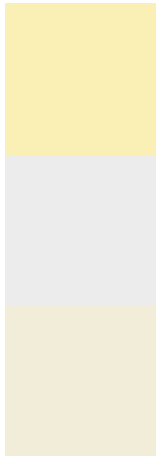
Original Color
193, 250, 180

Protanomaly
198, 253, 179

Deuteranomaly
230, 253, 204

Tritanomaly
253, 242, 222

Monochromacy



Original Color
193, 250, 180

Achromatopsia
236, 236, 236

Achromatomaly
221, 241, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 250, 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(250, 239, 180)` looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 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(250, 239, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 180) }
```

Border

The CSS property to change the border of an element to RYB 193, 250, 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(250, 239, 180) }
```

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

```
.border{ border-color:rgb(250, 239, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 239, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 239, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 239, 180);  
box-shadow:4px 4px 4px 4px rgb(250, 239,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 193, 250, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 180) }
```

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

```
.background{ background-color: rgb(250,  
239, 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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