

Converting Colors

`RYB(225, 254, 180)`

Have a look what the booklet for
RYB(225, 254, 180) contains.

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Color

R_YB(225, 254, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FEE2B4
RGB	254, 226, 180
RGB Percent	100%, 89%, 71%
CMY	0.0039, 0.1137, 0.2941
CMYK	0.00, 0.11, 0.29, 0.00
HSL	37°, 97%, 85%
HSV	37°, 29%, 100%
XYZ	76.3122, 78.7680, 54.3617
YIQ	229.1280, 31.4540, -8.3700

Conversions

Conversions Part 2

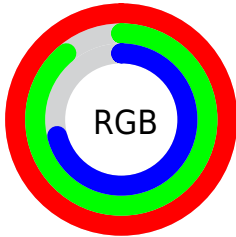
Format	Color
RYB	225, 254, 180
Decimal	16704180
CIELab	91.13, 2.95, 26.04
CIELCh	91, 26.210, 83.531
Yxy	78.7680, 0.3644, 0.3761
Android (android.graphics.Color)	4294894260 (0xFFFE2B4)
YUV	229.1280, -24.2201, 21.8127
Hunter-Lab	88.7513, -1.8329, 25.8098

Details

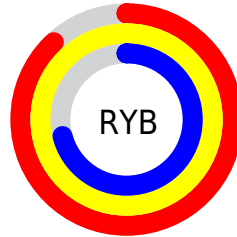
The RYB color **225, 254, 180** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **180, 200, 254**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **236, 255, 236**, and **166, 196, 127** is the 20% darker color. If you saturate the color by 10%, you get **217, 254, 155**, and if you desaturate by 10%, it is **233, 254, 205**.

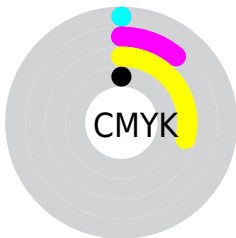
Distribution



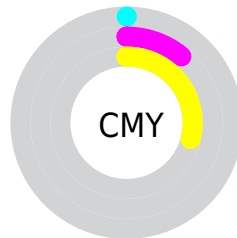
- Red (100%)
- Green (89%)
- Blue (71%)



- Red (88%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 254, 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 225, 254, 180 by changing the saturation by 10% instead.

 225, 254, 180


 225, 254, 180

255, 255, 255

 196, 225, 153

 236, 255, 236

 166, 196, 127


 142, 169, 102

 113, 142, 77

 86, 115, 54

 60, 90, 32

 33, 65, 9

 21, 42, 0

 14, 2, 0

■ 225, 254, 180

■ 225, 254, 180

■ 217, 254, 155

■ 233, 254, 205

■ 204, 254, 129

■ 246, 254, 231

■ 196, 254, 104

254, 255, 255

■ 184, 254, 78

■ 175, 254, 53

■ 167, 254, 28

■ 154, 254, 2

■ 154, 254, 0

Harmonies

Analogous

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



255, 239, 190



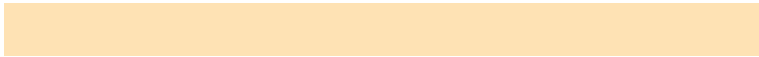
225, 254, 180



183, 234, 189

Triad

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



225, 254, 180



160, 203, 249



255, 217, 255

Complementary

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



225, 254, 180



180, 200, 254

Split Complementary

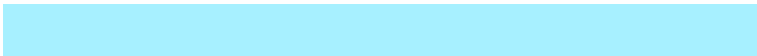
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



227, 225, 255



225, 254, 180



167, 207, 255

Square

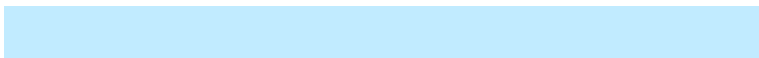
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225, 254, 180



173, 215, 244



193, 218, 255



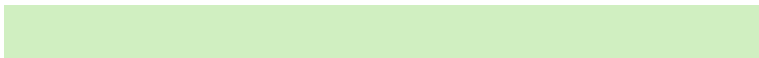
255, 212, 236

Rectangle

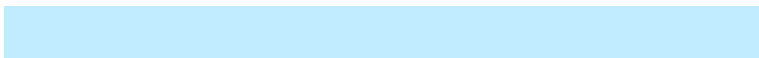
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225, 254, 180



193, 239, 224



193, 218, 255



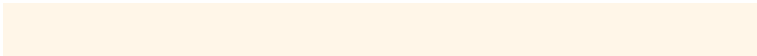
248, 219, 255

Sweetspot

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



225, 254, 180



247, 255, 232



254, 180, 208



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



225, 254, 180



221, 255, 166



180, 254, 189



123, 128, 115



116, 191, 0



38, 64, 0

Inverse Universe

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



180, 200, 254



166, 191, 255



189, 180, 254



115, 119, 128



0, 52, 191



0, 17, 64

Previews

White Background



This preview shows how the RYB color 225, 254, 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 225, 254, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

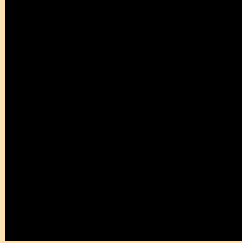
Any Text WCAG AA ✓ Pass

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 225, 254, 180 Background



This preview shows how black text looks on a background with the RYB color 225, 254, 180.



This preview shows how white text looks on a background with the RYB color 225, 254, 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
225, 254, 180

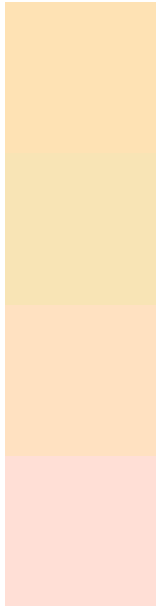
Protanopia
202, 244, 182

Deuteranopia
255, 241, 201



Tritanopia
255, 221, 234

Trichromacy



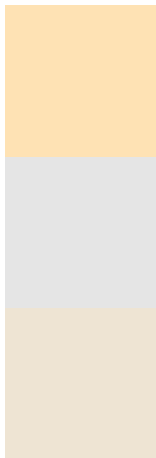
Original Color
225, 254, 180

Protanomaly
210, 248, 181

Deuteranomaly
251, 255, 193

Tritanomaly
255, 226, 214

Monochromacy



Original Color
225, 254, 180

Achromatopsia
229, 229, 229

Achromatomaly
227, 238, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 254, 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(254, 226, 180)` looks like.

```
.text, #text, p{  
    color:rgb(254, 226, 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(254, 226, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 226, 180) }
```

Border

The CSS property to change the border of an element to RYB 225, 254, 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(254, 226, 180) }
```

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

```
.border{ border-color:rgb(254, 226, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 226, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 226, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 226, 180);  
box-shadow:4px 4px 4px 4px rgb(254, 226,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 225, 254, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 226, 180) }
```

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

```
.background{ background-color: rgb(254,  
226, 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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