

Converting Colors

`RYB(221, 252, 180)`

Have a look what the booklet for
RYB(221, 252, 180) contains.

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Color

R_YB(221, 252, 180)

Conversions

Conversions Part 1

Format	Color
Hex	FCE2B4
RGB	252, 226, 180
RGB Percent	99%, 89%, 71%
CMY	0.0118, 0.1142, 0.2941
CMYK	0.00, 0.10, 0.29, 0.01
HSL	38°, 92%, 85%
HSV	38°, 29%, 99%
XYZ	75.5458, 78.3161, 54.3148
YIQ	228.5300, 30.2620, -8.7940

Conversions

Conversions Part 2

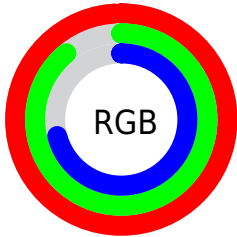
Format	Color
R _Y B	221, 252, 180
Decimal	16573108
CIE Lab	90.92, 2.28, 25.73
CIE LCh	91, 25.835, 84.944
Yxy	78.3161, 0.3629, 0.3762
Android (android.graphics.Color)	4294763188 (0xFFFC E2B4)
YUV	228.5300, -23.9253, 20.5832
Hunter-Lab	88.4964, -2.4904, 25.5581

Details

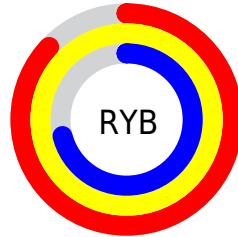
The RYB color **221, 252, 180** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **180, 199, 252**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **236, 255, 236**, and **164, 195, 127** is the 20% darker color. If you saturate the color by 10%, you get **210, 252, 155**, and if you desaturate by 10%, it is **232, 252, 205**.

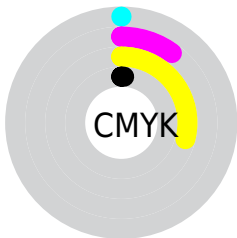
Distribution



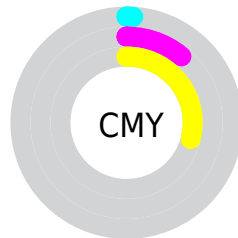
- Red (99%)
- Green (89%)
- Blue (71%)



- Red (87%)
- Yellow (99%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 221, 252, 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 221, 252, 180 by changing the saturation by 10% instead.


 221, 252, 180


255, 255, 255

 236, 255, 236

 221, 252, 180

 192, 223, 153

 164, 195, 127

 138, 167, 102

 109, 140, 77

 84, 114, 54

 59, 88, 32

 30, 63, 9

 19, 40, 0

 11, 1, 0

■ 221, 252, 180

■ 221, 252, 180

■ 210, 252, 155

■ 232, 252, 205

■ 199, 252, 130

■ 243, 252, 230

■ 189, 252, 104

■ 252, 253, 255

■ 178, 252, 79

■ 252, 254, 255

■ 167, 252, 54

■ 156, 252, 29

■ 145, 252, 4

■ 142, 252, 0

Harmonies

Analogous

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



255, 241, 189



221, 252, 180



184, 234, 192

Triad

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



221, 252, 180



160, 203, 249



255, 216, 255

Complementary

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



221, 252, 180



180, 199, 252

Split Complementary

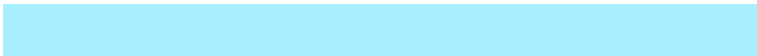
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



228, 224, 255



221, 252, 180



168, 207, 255

Square

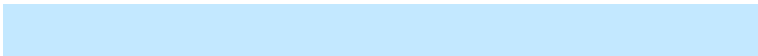
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221, 252, 180



173, 213, 243



195, 218, 255



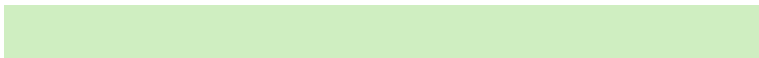
255, 212, 234

Rectangle

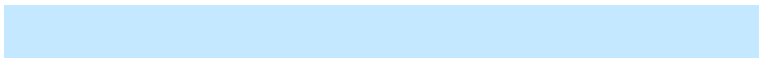
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



221, 252, 180



193, 238, 224



195, 218, 255



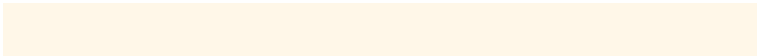
248, 219, 255

Sweetspot

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



221, 252, 180



244, 255, 232



252, 180, 206



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



221, 252, 180



216, 255, 168



180, 252, 190



120, 125, 112



109, 189, 0



34, 61, 0

Inverse Universe

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



180, 199, 252



168, 191, 255



190, 180, 252



112, 116, 125



0, 50, 189



0, 16, 61

Previews

White Background



This preview shows how the RYB color 221, 252, 180 looks on a white background.

Color Contrast Check

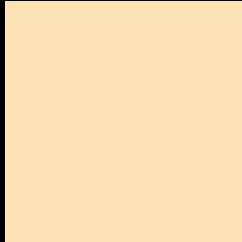
Large Text (above 18pt) WCAG AA × Fail

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 221, 252, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

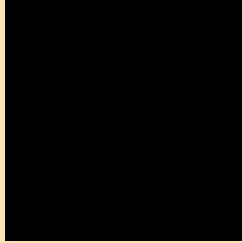
Any Text WCAG AA ✓ Pass

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 221, 252, 180 Background



This preview shows how black text looks on a background with the RYB color 221, 252, 180.




This preview shows how white text looks on a background with the RYB color 221, 252, 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](#).

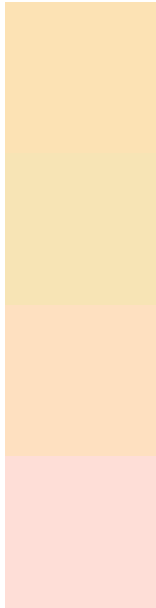
Dichromacy

	Original Color 221, 252, 180
	Protanopia 201, 244, 181
	Deuteranopia 255, 241, 199



Tritanopia
255, 220, 235

Trichromacy



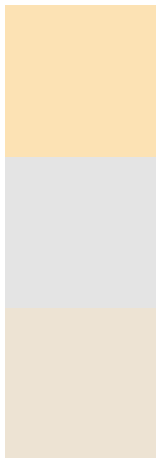
Original Color
221, 252, 180

Protanomaly
208, 247, 181

Deuteranomaly
250, 254, 192

Tritanomaly
254, 224, 215

Monochromacy



Original Color
221, 252, 180

Achromatopsia
228, 228, 228

Achromatomaly
227, 237, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 221, 252, 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(252, 226, 180) looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 226, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 226, 180) }
```

Border

The CSS property to change the border of an element to RYB 221, 252, 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(252, 226, 180) }
```

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

```
.border{ border-color:rgb(252, 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(252, 226, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 226, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 226, 180);  
box-shadow:4px 4px 4px 4px rgb(252, 226,  
180) }
```

Background

The CSS property to change the background color of an element to RGB 221, 252, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 226, 180) }
```

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

```
.background{ background-color: rgb(252,  
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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