

Converting Colors

`RYB(189, 252, 177)`

Have a look what the booklet for
RYB(189, 252, 177) contains.

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Color

R_YB(189, 252, 177)

Conversions

Conversions Part 1

Format	Color
Hex	FCF2B1
RGB	252, 242, 177
RGB Percent	99%, 95%, 69%
CMY	0.0118, 0.0523, 0.3059
CMYK	0.00, 0.04, 0.30, 0.01
HSL	52°, 93%, 84%
HSV	52°, 30%, 99%
XYZ	79.7303, 87.1690, 54.2180
YIQ	237.5800, 26.8250, -18.0950

Conversions

Conversions Part 2

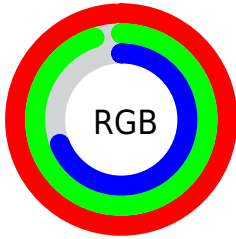
Format	Color
RYB	189, 252, 177
Decimal	16577201
CIELab	94.81, -6.07, 32.53
CIELCh	95, 33.091, 100.578
Yxy	87.1690, 0.3606, 0.3942
Android (android.graphics.Color)	4294767281 (0xFFFCF2B1)
YUV	237.5800, -29.8659, 12.6463
Hunter-Lab	93.3643, -10.9540, 30.9244

Details

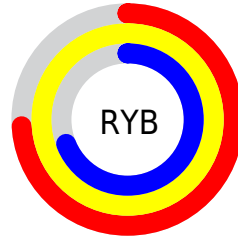
The RYB color **189, 252, 177** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **177, 186, 252**, and the grayscale version is **238, 238, 238**.

A 20% lighter version of the original color is **233, 255, 233**, and **134, 195, 124** is the 20% darker color. If you saturate the color by 10%, you get **168, 252, 152**, and if you desaturate by 10%, it is **210, 252, 202**.

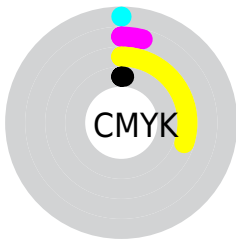
Distribution



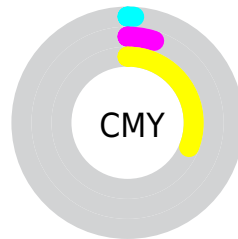
- Red (99%)
- Green (95%)
- Blue (69%)



- Red (74%)
- Yellow (99%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 189, 252, 177 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 189, 252, 177 by changing the saturation by 10% instead.

 189, 252, 177

255, 255, 255


 233, 255, 233

 189, 252, 177

 162, 223, 150

 134, 195, 124


 107, 167, 98

 82, 140, 74

 55, 113, 50

 32, 88, 27

 6, 63, 3

 1, 40, 0

 0, 19, 8

■ 189, 252, 177

■ 189, 252, 177

■ 168, 252, 152

■ 210, 252, 202

■ 147, 252, 127

■ 230, 252, 227

■ 125, 252, 101

■ 252, 252, 253

■ 104, 252, 76

■ 252, 254, 255

■ 84, 252, 51

■ 62, 252, 26

■ 42, 252, 1

■ 41, 252, 0

Harmonies

Analogous

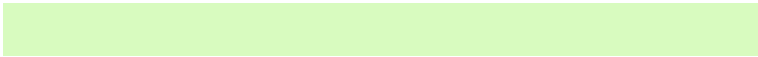
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 255, 180



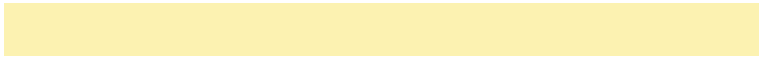
189, 252, 177



191, 251, 226

Triad

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



189, 252, 177



147, 201, 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.



189, 252, 177



177, 186, 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.



255, 228, 255



189, 252, 177



173, 212, 255

Square

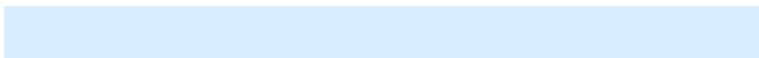
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189, 252, 177



152, 205, 255



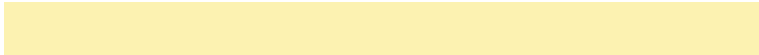
216, 230, 255



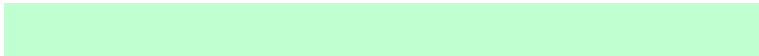
255, 217, 230

Rectangle

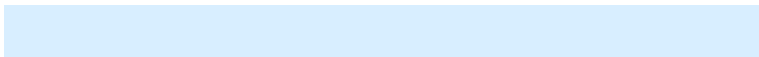
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 252, 177



192, 242, 255



216, 230, 255



255, 222, 255

Sweetspot

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



189, 252, 177



235, 255, 232



252, 177, 188



115, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

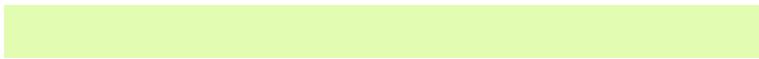
The Same Dimension uses a secret algorithm to generate beautiful new colors.



189, 252, 177



178, 255, 163



177, 252, 203



114, 125, 112



30, 189, 0



9, 61, 0

Inverse Universe

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



177, 186, 252



163, 174, 255



203, 177, 252



112, 114, 125



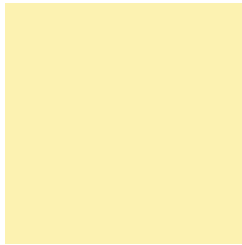
0, 23, 189



0, 7, 61

Previews

White Background



This preview shows how the RYB color 189, 252, 177 looks on a white background.

Color Contrast Check

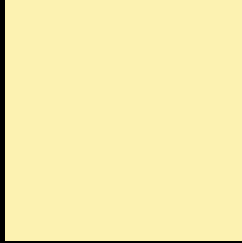
Large Text (above 18pt) WCAG AA × Fail

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 189, 252, 177 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 189, 252, 177 Background



This preview shows how black text looks on a background with the RYB color 189, 252, 177.



This preview shows how white text looks on a background with the RYB color 189, 252, 177.

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
189, 252, 177

Protanopia
207, 255, 188

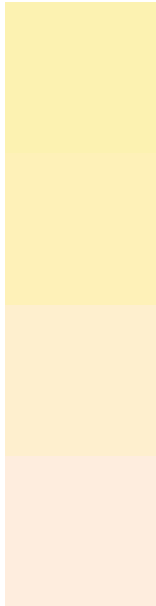
Deuteranopia
255, 248, 223



Tritanopia

255, 234, 247

Trichromacy



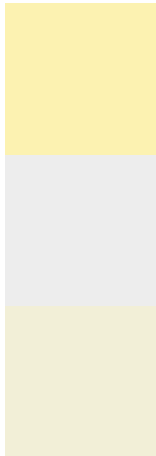
Original Color
189, 252, 177

Protanomaly
200, 254, 184

Deuteranomaly
228, 254, 206

Tritanomaly
254, 250, 222

Monochromacy



Original Color
189, 252, 177

Achromatopsia
237, 237, 237

Achromatomaly
218, 242, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 189, 252, 177 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, 242, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 242, 177)  
}
```

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, 242, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 242, 177) }
```

Border

The CSS property to change the border of an element to RYB 189, 252, 177 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, 242, 177) }
```

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

```
.border{ border-color:rgb(252, 242, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 242, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 242, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 242, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 242,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 189, 252, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 242, 177) }
```

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

```
.background{ background-color: rgb(252,  
242, 177) }
```

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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