

Converting Colors

`RYB(192, 248, 170)`

Have a look what the booklet for
RYB(192, 248, 170) contains.

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Color

R_YB(192, 248, 170)

Conversions

Conversions Part 1

Format	Color
Hex	F8E7AA
RGB	248, 231, 170
RGB Percent	97%, 91%, 67%
CMY	0.0275, 0.0947, 0.3333
CMYK	0.00, 0.07, 0.31, 0.03
HSL	47°, 85%, 82%
HSV	47°, 31%, 97%
XYZ	74.4982, 79.9210, 49.5300
YIQ	229.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

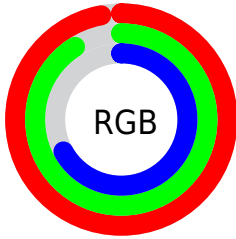
Format	Color
RYB	192, 248, 170
Decimal	16312234
CIELab	91.65, -3.00, 31.79
CIElCh	92, 31.928, 95.393
Yxy	79.9210, 0.3653, 0.3919
Android (android.graphics.Color)	4294502314 (0xFFFF8E7AA)
YUV	229.1290, -29.1506, 16.5499
Hunter-Lab	89.3986, -7.6986, 29.7302

Details

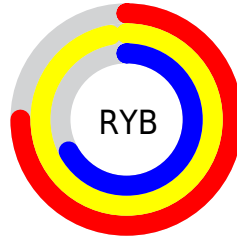
The RYB color **192, 248, 170** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **170, 184, 248**, and the grayscale version is **229, 229, 229**.

A 20% lighter version of the original color is **226, 255, 226**, and **136, 191, 117** is the 20% darker color. If you saturate the color by 10%, you get **175, 248, 145**, and if you desaturate by 10%, it is **211, 248, 195**.

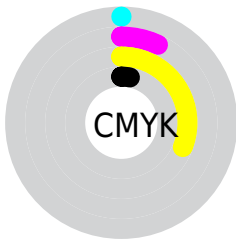
Distribution



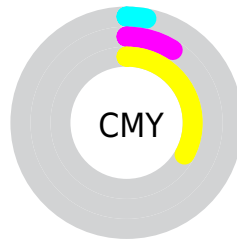
- Red (97%)
- Green (91%)
- Blue (67%)



- Red (75%)
- Yellow (97%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (31%)
- Black (3%)



- Cyan (3%)
- Magenta (9%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 192, 248, 170 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 192, 248, 170 by changing the saturation by 10% instead.

 192, 248, 170

255, 255, 255

 226, 255, 226


254, 255, 254

 192, 248, 170

 163, 219, 143

 137, 191, 117

 109, 163, 92

 84, 136, 68

 59, 110, 44

 32, 84, 21

 9, 60, 0

 6, 36, 0

 0, 8, 7

■ 192, 248, 170

■ 192, 248, 170

■ 175, 248, 145

■ 211, 248, 195

■ 156, 248, 120

■ 228, 248, 220

■ 140, 248, 96

■ 245, 248, 244

■ 121, 248, 71

■ 248, 251, 255

■ 102, 248, 46

■ 248, 252, 255

■ 85, 248, 21

■ 71, 248, 0

Harmonies

Analogous

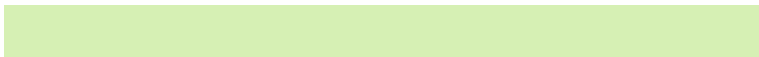
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236, 255, 176



192, 248, 170



180, 240, 206

Triad

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



192, 248, 170



141, 196, 255



255, 212, 255

Complementary

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



192, 248, 170



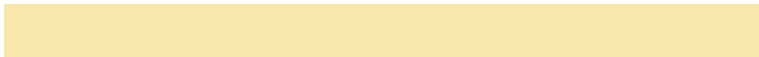
170, 184, 248

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.



243, 221, 255



192, 248, 170



161, 204, 255

Square

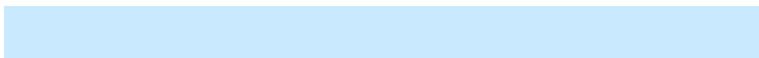
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



192, 248, 170



150, 202, 248



201, 221, 255



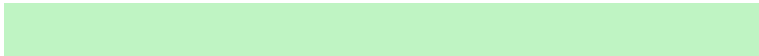
255, 209, 227

Rectangle

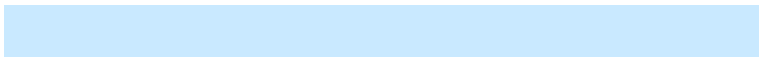
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



192, 248, 170



191, 240, 244



201, 221, 255



255, 215, 255

Sweetspot

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



192, 248, 170



238, 255, 232



248, 170, 188



118, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

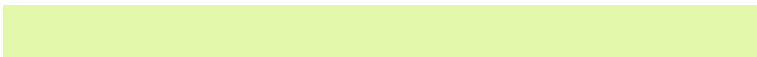
The Same Dimension uses a secret algorithm to generate beautiful new colors.



192, 248, 170



185, 255, 158



170, 248, 191



116, 125, 112



54, 189, 0



17, 61, 0

Inverse Universe

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



170, 184, 248



158, 175, 255



191, 170, 248



112, 114, 125



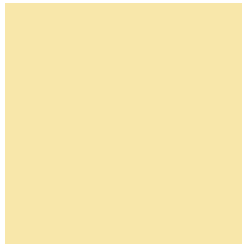
0, 34, 189



0, 11, 61

Previews

White Background



This preview shows how the RYB color 192, 248, 170 looks on a white background.

Color Contrast Check

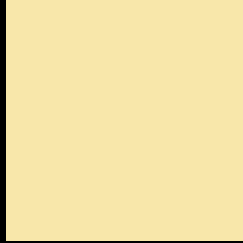
Large Text (above 18pt) WCAG AA × Fail

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 192, 248, 170 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 192, 248, 170 Background



This preview shows how black text looks on a background with the RYB color 192, 248, 170.


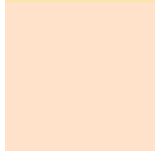


This preview shows how white text looks on a background with the RYB color 192, 248, 170.

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

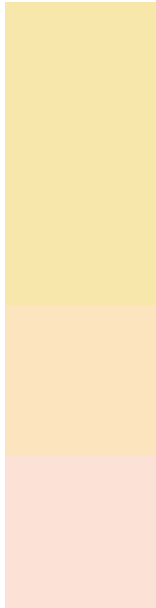
	Original Color 192, 248, 170
	Protanopia 192, 248, 170
	Deuteranopia 255, 248, 201



Tritanopia

255, 222, 239

Trichromacy



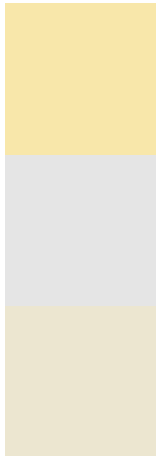
Original Color
192, 248, 170

Protanomaly
192, 248, 170

Deuteranomaly
229, 252, 190

Tritanomaly
252, 229, 214

Monochromacy



Original Color
192, 248, 170

Achromatopsia
229, 229, 229

Achromatomaly
216, 236, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 192, 248, 170 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(248, 231, 170) looks like.

```
.text, #text, p{  
    color:rgb(248, 231, 170)  
}
```

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(248, 231, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 231, 170) }
```

Border

The CSS property to change the border of an element to RYB 192, 248, 170 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(248, 231, 170) }
```

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

```
.border{ border-color:rgb(248, 231, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 231, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 231, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 231, 170);  
box-shadow:4px 4px 4px 4px rgb(248, 231,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 192, 248, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 231, 170) }
```

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

```
.background{ background-color: rgb(248,  
231, 170) }
```

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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