

Converting Colors

`RYB(185, 235, 143)`

Have a look what the booklet for
RYB(185, 235, 143) contains.

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Color

R_YB(185, 235, 143)

Conversions

Conversions Part 1

Format	Color
Hex	EBCE8F
RGB	235, 206, 143
RGB Percent	92%, 81%, 56%
CMY	0.0784, 0.1915, 0.4392
CMYK	0.00, 0.12, 0.39, 0.08
HSL	41°, 70%, 74%
HSV	41°, 39%, 92%
XYZ	61.3297, 63.8670, 35.0817
YIQ	207.4890, 37.5070, -13.4450

Conversions

Conversions Part 2

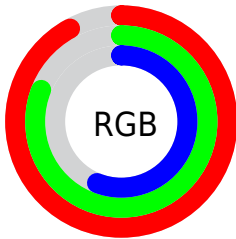
Format	Color
RYB	185, 235, 143
Decimal	15453839
CIELab	83.90, 1.48, 35.12
CIElCh	84, 35.156, 87.595
Yxy	63.8670, 0.3826, 0.3985
Android (android.graphics.Color)	4293643919 (0xFFEBCE8F)
YUV	207.4890, -31.7931, 24.1271
Hunter-Lab	79.9169, -2.8702, 29.9148

Details

The RYB color **185, 235, 143** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **143, 165, 235**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **197, 255, 197**, and **129, 178, 92** is the 20% darker color. If you saturate the color by 10%, you get **172, 235, 120**, and if you desaturate by 10%, it is **196, 235, 166**.

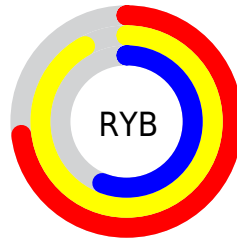
Distribution



Red (92%)

Green (81%)

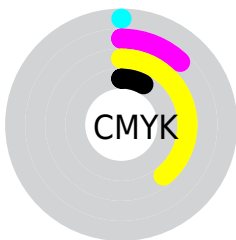
Blue (56%)



Red (73%)

Yellow (92%)

Blue (56%)

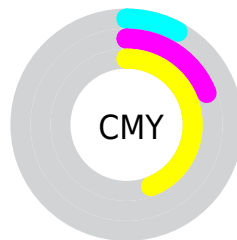


Cyan (0%)

Magenta (12%)

Yellow (39%)

Black (8%)



Cyan (8%)

Magenta (19%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 235, 143 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 185, 235, 143 by changing the saturation by 10% instead.

 185, 235, 143

 185, 235, 143


255, 255, 255

 156, 206, 117

 197, 255, 197

 129, 178, 92

 226, 255, 226

 101, 150, 67


254, 255, 254

 74, 123, 44

 45, 97, 20

 22, 72, 0

 18, 47, 0

 18, 22, 0


 0, 0, 0

 185, 235, 143


 185, 235, 143

 172, 235, 120


 196, 235, 166

 160, 235, 96


 210, 235, 190

 147, 235, 73

 225, 235, 214

 133, 235, 49

 235, 236, 237

 121, 235, 25

 235, 241, 255

 108, 235, 2

 235, 244, 255

 108, 235, 0

 235, 245, 255

Harmonies

Analogous

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



255, 223, 154



185, 235, 143



150, 216, 166

Triad

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



185, 235, 143



102, 167, 239



249, 191, 245

Complementary

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



185, 235, 143



143, 165, 235

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.



210, 202, 255



185, 235, 143



118, 177, 255

Square

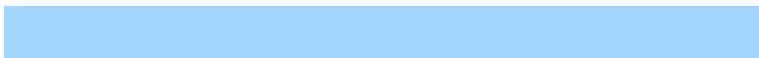
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 235, 143



125, 182, 227



162, 195, 255



255, 185, 213

Rectangle

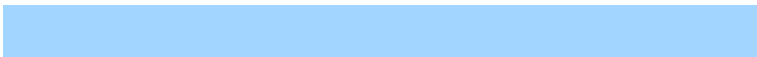
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185, 235, 143



164, 222, 211



162, 195, 255



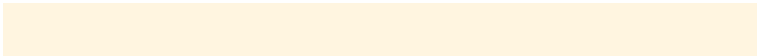
238, 194, 254

Sweetspot

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



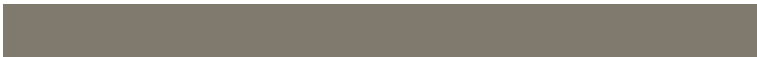
185, 235, 143



239, 255, 224



235, 143, 172



119, 128, 110



0, 0, 0



128, 128, 128

Same Dimension

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



185, 235, 143



191, 255, 135



143, 235, 160



110, 117, 106



83, 181, 0



25, 54, 0

Inverse Universe

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



143, 165, 235



135, 164, 255



160, 143, 235



106, 108, 117



0, 43, 181



0, 13, 54

Previews

White Background



This preview shows how the RYB color 185, 235, 143 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 185, 235, 143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

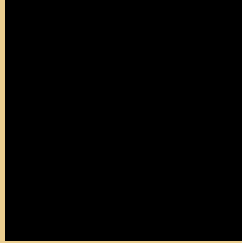
Any Text WCAG AA ✓ Pass

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 185, 235, 143 Background



This preview shows how black text looks on a background with the RYB color 185, 235, 143.



This preview shows how white text looks on a background with the RYB color 185, 235, 143.

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
185, 235, 143

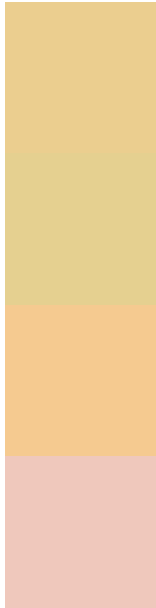
Protanopia
165, 226, 144

Deuteranopia
239, 250, 144



Tritanopia
242, 197, 213

Trichromacy



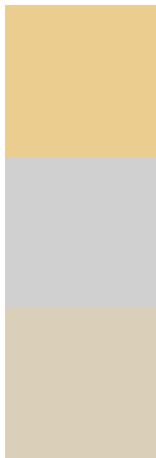
Original Color
185, 235, 143

Protanomaly
172, 229, 144

Deuteranomaly
219, 245, 144

Tritanomaly
239, 204, 188

Monochromacy



Original Color
185, 235, 143

Achromatopsia
208, 208, 208

Achromatomaly
200, 218, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 235, 143 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(235, 206, 143) looks like.

```
.text, #text, p{  
    color:rgb(235, 206, 143)  
}
```

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(235, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 206, 143) }
```

Border

The CSS property to change the border of an element to RYB 185, 235, 143 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(235, 206, 143) }
```

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

```
.border{ border-color:rgb(235, 206, 143) }
```

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

Here you see how a box with a 4 pixel rgb(235, 206, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 206, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 206, 143);  
box-shadow:4px 4px 4px 4px rgb(235, 206,  
143) }
```

Background

The CSS property to change the background color of an element to RYB 185, 235, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 206, 143) }
```

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

```
.background{ background-color: rgb(235,  
206, 143) }
```

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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