

Converting Colors

`RYB(137, 244, 194)`

Have a look what the booklet for
RYB(137, 244, 194) contains.

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Color

R_YB(137, 244, 194)

Conversions

Conversions Part 1

Format	Color
Hex	BBF489
RGB	187, 244, 137
RGB Percent	73%, 96%, 54%
CMY	0.2667, 0.0431, 0.4627
CMYK	0.23, 0.00, 0.44, 0.04
HSL	92°, 83%, 75%
HSV	92°, 44%, 96%
XYZ	57.3596, 77.0723, 35.5202
YIQ	214.7590, 0.3750, -45.3610

Conversions

Conversions Part 2

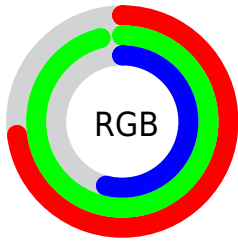
Format	Color
RYB	137, 244, 194
Decimal	12317833
CIELab	90.35, -35.89, 45.69
CIELCh	90, 58.104, 128.153
Yxy	77.0723, 0.3375, 0.4535
Android (android.graphics.Color)	4290507913 (0xFFBBF489)
YUV	214.7590, -38.3352, -24.3446
Hunter-Lab	87.7908, -37.0081, 37.4648

Details

The RYB color **137, 244, 194** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **194, 137, 244**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **192, 255, 202**, and **85, 187, 141** is the 20% darker color. If you saturate the color by 10%, you get **113, 244, 183**, and if you desaturate by 10%, it is **161, 244, 205**.

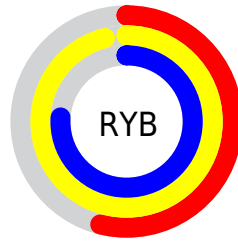
Distribution



Red (73%)

Green (96%)

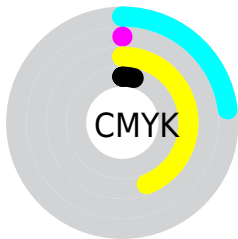
Blue (54%)



Red (54%)

Yellow (96%)

Blue (76%)

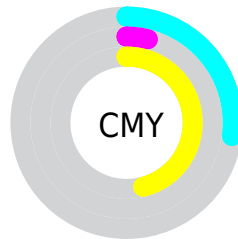


Cyan (23%)

Magenta (0%)

Yellow (44%)

Black (4%)



Cyan (27%)

Magenta (4%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 137, 244, 194 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 137, 244, 194 by changing the saturation by 10% instead.

 137, 244, 194

255, 255, 255


 192, 255, 202

 220, 255, 220

 249, 255, 249


 137, 244, 194


 111, 215, 167

 85, 187, 141

 59, 160, 115

 33, 134, 89

 0, 108, 57

 0, 83, 61

 0, 60, 60

 0, 39, 39

 0, 2, 2

■ 137, 244, 194

■ 137, 244, 194

■ 113, 244, 183

■ 161, 244, 205

■ 88, 244, 171

■ 186, 244, 217

■ 64, 244, 160

■ 210, 244, 228

■ 39, 244, 148

■ 235, 244, 240

■ 15, 244, 137

■ 252, 244, 255

■ 0, 244, 130

■ 255, 244, 255

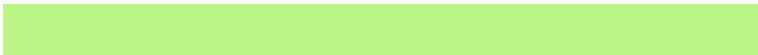
Harmonies

Analogous

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



135, 247, 114



137, 244, 194



111, 205, 253

Triad

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



137, 244, 194



0, 125, 255



255, 181, 214

Complementary

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



137, 244, 194



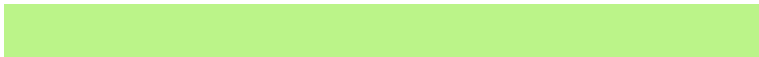
194, 137, 244

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, 188, 255



137, 244, 194



164, 202, 255

Square

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



137, 244, 194



0, 127, 255



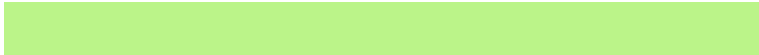
252, 207, 255



255, 205, 161

Rectangle

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



137, 244, 194



0, 136, 255



252, 207, 255



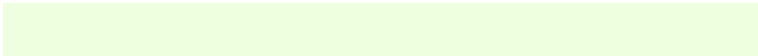
255, 182, 233

Sweetspot

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



137, 244, 194



222, 255, 240



238, 244, 137



107, 128, 118



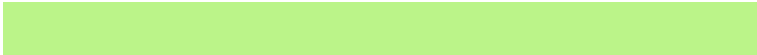
0, 0, 0



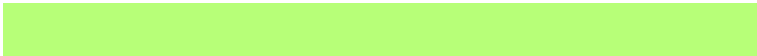
128, 128, 128

Same Dimension

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



137, 244, 194



120, 255, 192



137, 242, 244



110, 122, 116



0, 186, 99



0, 59, 32

Inverse Universe

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



194, 137, 244



192, 120, 255



244, 137, 242



117, 110, 122



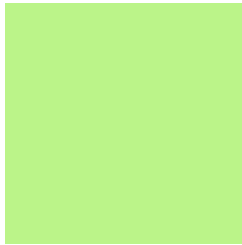
99, 0, 186



31, 0, 59

Previews

White Background



This preview shows how the RYB color 137, 244, 194 looks on a white background.

Color Contrast Check

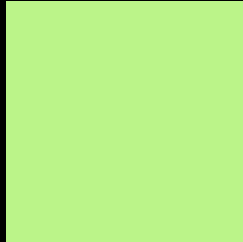
Large Text (above 18pt) WCAG AA × Fail

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 137, 244, 194 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 137, 244, 194 Background



This preview shows how black text looks on a background with the RYB color 137, 244, 194.

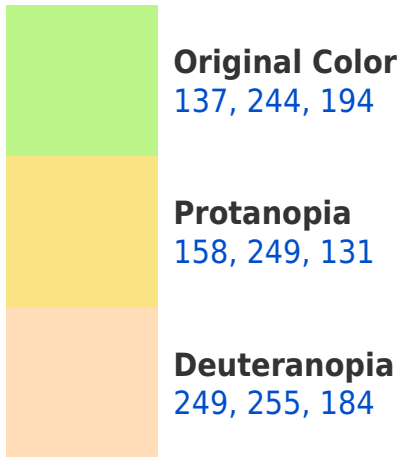


This preview shows how white text looks on a background with the RYB color 137, 244, 194.

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





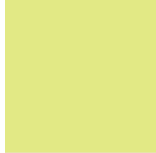
Tritanopia
204, 221, 249

Trichromacy



Original Color

137, 244, 194



Protanomaly

133, 233, 140



Deuteranomaly

168, 230, 167



Tritanomaly

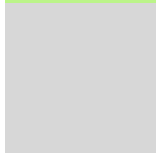
198, 228, 236

Monochromacy



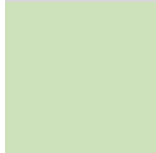
Original Color

137, 244, 194



Achromatopsia

215, 215, 215



Achromatomaly

187, 226, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 137, 244, 194 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(187, 244, 137)` looks like.

```
.text, #text, p{  
    color:rgb(187, 244, 137)  
}
```

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(187, 244, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 244, 137) }
```

Border

The CSS property to change the border of an element to RYB 137, 244, 194 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(187, 244, 137) }
```

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

```
.border{ border-color:rgb(187, 244, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 244, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 244, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 244, 137);  
box-shadow:4px 4px 4px 4px rgb(187, 244,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 137, 244, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 244, 137) }
```

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

```
.background{ background-color: rgb(187,  
244, 137) }
```

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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