

Converting Colors

`RYB(143, 207, 138)`

Have a look what the booklet for
RYB(143, 207, 138) contains.

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Color

R_YB(143, 207, 138)

Conversions

Conversions Part 1

Format	Color
Hex	CFCA8A
RGB	207, 202, 138
RGB Percent	81%, 79%, 54%
CMY	0.1882, 0.2065, 0.4588
CMYK	0.00, 0.02, 0.33, 0.19
HSL	56°, 42%, 68%
HSV	56°, 33%, 81%
XYZ	51.5195, 57.5002, 32.4280
YIQ	196.1990, 23.5240, -18.8440

Conversions

Conversions Part 2

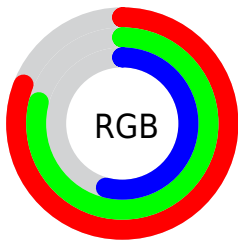
Format	Color
RYB	143, 207, 138
Decimal	13617802
CIELab	80.46, -8.10, 32.75
CIELCh	80, 33.735, 103.894
Yxy	57.5002, 0.3642, 0.4065
Android (android.graphics.Color)	4291807882 (0xFFCFA8A)
YUV	196.1990, -28.6921, 9.4725
Hunter-Lab	75.8289, -11.4245, 27.7250

Details

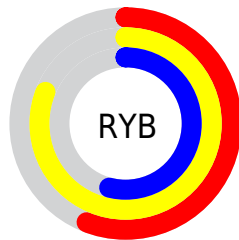
The RYB color **143, 207, 138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138, 143, 207**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **192, 255, 192**, and **91, 152, 87** is the 20% darker color. If you saturate the color by 10%, you get **123, 207, 117**, and if you desaturate by 10%, it is **162, 207, 159**.

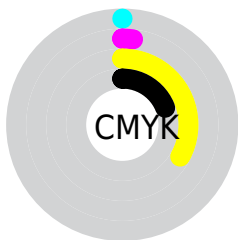
Distribution



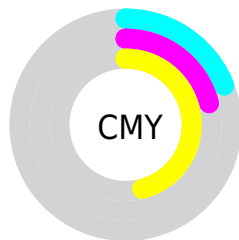
- Red (81%)
- Green (79%)
- Blue (54%)



- Red (56%)
- Yellow (81%)
- Blue (54%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 143, 207, 138 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 143, 207, 138 by changing the saturation by 10% instead.

 143, 207, 138


255, 255, 255


 192, 255, 192

 220, 255, 220


 249, 255, 249

 143, 207, 138

 116, 179, 112

 91, 152, 87

 65, 125, 63

 41, 99, 40

 16, 74, 16

 0, 52, 1

 0, 31, 4

 0, 3, 3

 0, 0, 0


 143, 207, 138

 143, 207, 138

 123, 207, 117

 162, 207, 159

 104, 207, 97

 181, 207, 179

 86, 207, 76

 200, 207, 200

 66, 207, 55

 207, 208, 221

 47, 207, 34

 207, 209, 241

 28, 207, 14

 207, 211, 255

 15, 207, 0

 207, 212, 255

 207, 213, 255

 207, 214, 255

Harmonies

Analogous

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



224, 237, 140



143, 207, 138



153, 211, 192

Triad

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



143, 207, 138



101, 164, 242



251, 178, 218

Complementary

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



143, 207, 138



138, 143, 207

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.



222, 186, 245



143, 207, 138



134, 180, 255

Square

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



143, 207, 138



105, 162, 217



180, 195, 255



255, 176, 186

Rectangle

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



143, 207, 138



147, 197, 215



180, 195, 255



243, 180, 228

Sweetspot

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



143, 207, 138



232, 255, 230



207, 138, 144



114, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



143, 207, 138



161, 255, 153



138, 207, 167



95, 105, 94



12, 168, 0



3, 41, 0

Inverse Universe

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



138, 143, 207



153, 160, 255



167, 138, 207



94, 95, 105



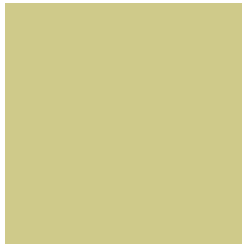
0, 10, 168



0, 3, 41

Previews

White Background



This preview shows how the RYB color 143, 207, 138 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 143, 207, 138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

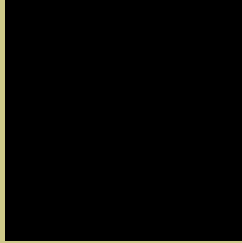
Any Text WCAG AA ✓ Pass

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 143, 207, 138 Background



This preview shows how black text looks on a background with the RYB color 143, 207, 138.



This preview shows how white text looks on a background with the RYB color 143, 207, 138.

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
143, 207, 138

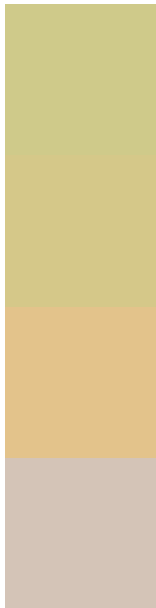
Protanopia
159, 216, 137

Deuteranopia
230, 238, 140



Tritanopia
215, 193, 209

Trichromacy



Original Color
143, 207, 138

Protanomaly
153, 213, 137

Deuteranomaly
189, 227, 139

Tritanomaly
212, 207, 183

Monochromacy



Original Color
143, 207, 138

Achromatopsia
196, 196, 196

Achromatomaly
177, 200, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 143, 207, 138 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(207, 202, 138) looks like.

```
.text, #text, p{  
    color:rgb(207, 202, 138)  
}
```

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(207, 202, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 138) }
```

Border

The CSS property to change the border of an element to RYB 143, 207, 138 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(207, 202, 138) }
```

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

```
.border{ border-color:rgb(207, 202, 138) }
```

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

Here you see how a box with a 4 pixel rgb(207, 202, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
138) }
```

Background

The CSS property to change the background color of an element to RYB 143, 207, 138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 138) }
```

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

```
.background{ background-color: rgb(207,  
202, 138) }
```

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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