

Converting Colors

`RYB(140, 207, 153)`

Have a look what the booklet for
RYB(140, 207, 153) contains.

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Color

R_YB(140, 207, 153)

Conversions

Conversions Part 1

Format	Color
Hex	C2CF8C
RGB	194, 207, 140
RGB Percent	76%, 81%, 55%
CMY	0.2392, 0.1882, 0.4510
CMYK	0.06, 0.00, 0.32, 0.19
HSL	72°, 41%, 68%
HSV	72°, 32%, 81%
XYZ	49.2946, 57.9884, 33.4057
YIQ	195.4750, 13.7590, -23.5930

Conversions

Conversions Part 2

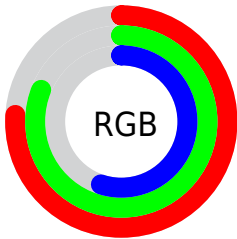
Format	Color
RYB	140, 207, 153
Decimal	12767116
CIELab	80.73, -15.23, 31.89
CIELCh	81, 35.339, 115.529
Yxy	57.9884, 0.3504, 0.4122
Android (android.graphics.Color)	4290957196 (0xFFC2CF8C)
YUV	195.4750, -27.3492, -1.2936
Hunter-Lab	76.1501, -17.7136, 27.2956

Details

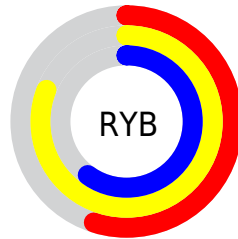
The RYB color **140, 207, 153** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **153, 140, 207**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **194, 255, 198**, and **89, 153, 102** is the 20% darker color. If you saturate the color by 10%, you get **119, 207, 136**, and if you desaturate by 10%, it is **161, 207, 170**.

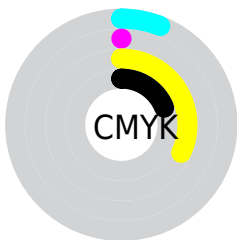
Distribution



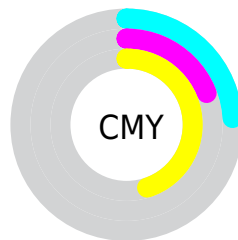
- Red (76%)
- Green (81%)
- Blue (55%)



- Red (55%)
- Yellow (81%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (32%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 140, 207, 153 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 140, 207, 153 by changing the saturation by 10% instead.

 140, 207, 153


255, 255, 255


 194, 255, 198

 222, 255, 222


 251, 255, 251


 140, 207, 153

 114, 179, 127

 89, 153, 102

 65, 127, 79

 41, 102, 55

 18, 78, 32

 0, 55, 14

 0, 34, 17


 0, 5, 5

 0, 0, 0

 140, 207, 153

 140, 207, 153

 119, 207, 136

 161, 207, 170

 99, 207, 120

 181, 207, 186

 78, 207, 103

 202, 207, 203

 57, 207, 86

 210, 207, 223

 37, 207, 70

 214, 207, 244

 16, 207, 53

 218, 207, 255

 0, 207, 40

 222, 207, 255

 226, 207, 255

 230, 207, 255

Harmonies

Analogous

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



182, 228, 135



140, 207, 153



156, 209, 214

Triad

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



140, 207, 153



104, 167, 254



255, 176, 207

Complementary

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



140, 207, 153



153, 140, 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.



238, 182, 238



140, 207, 153



149, 186, 255

Square

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



140, 207, 153



92, 157, 228



198, 194, 255



255, 177, 174

Rectangle

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



140, 207, 153



130, 184, 217



198, 194, 255



255, 177, 218

Sweetspot

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



140, 207, 153



230, 255, 235



207, 155, 140



112, 128, 115



0, 0, 0



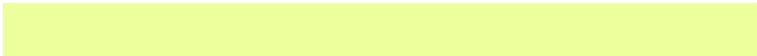
128, 128, 128

Same Dimension

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



140, 207, 153



156, 255, 175



140, 207, 186



94, 105, 96



0, 168, 32



0, 41, 8

Inverse Universe

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



153, 140, 207



175, 156, 255



186, 140, 207



96, 94, 105



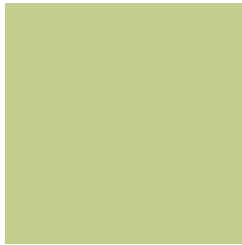
33, 0, 168



8, 0, 41

Previews

White Background



This preview shows how the RYB color 140, 207, 153 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 140, 207, 153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

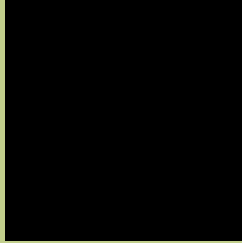
Any Text WCAG AA ✓ Pass

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 140, 207, 153 Background



This preview shows how black text looks on a background with the RYB color 140, 207, 153.

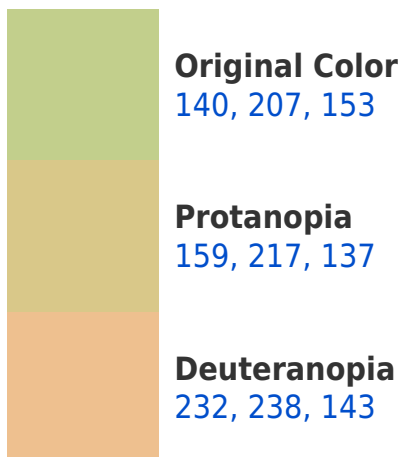



This preview shows how white text looks on a background with the RYB color 140, 207, 153.

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, 198, 213

Trichromacy



Original Color
140, 207, 153

Protanomaly
145, 209, 138

Deuteranomaly
178, 222, 142

Tritanomaly
186, 201, 187

Monochromacy



Original Color
140, 207, 153

Achromatopsia
195, 195, 195

Achromatomaly
175, 199, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 140, 207, 153 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(194, 207, 140)` looks like.

```
.text, #text, p{  
    color:rgb(194, 207, 140)  
}
```

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(194, 207, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 207, 140) }
```

Border

The CSS property to change the border of an element to RYB 140, 207, 153 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(194, 207, 140) }
```

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

```
.border{ border-color:rgb(194, 207, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 207, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 207, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 207, 140);  
box-shadow:4px 4px 4px 4px rgb(194, 207,  
140) }
```

Background

The CSS property to change the background color of an element to RYB 140, 207, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 207, 140) }
```

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

```
.background{ background-color: rgb(194,  
207, 140) }
```

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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