

Converting Colors

`RYB(131, 194, 203)`

Have a look what the booklet for
RYB(131, 194, 203) contains.

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Color

$\text{RYB}(131, 194, 203)$

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 83CB8D |
| RGB | 131, 203, 141 |
| RGB Percent | 51%, 80%, 55% |
| CMY | 0.4863, 0.2039, 0.4459 |
| CMYK | 0.35, 0.00, 0.30, 0.20 |
| HSL | 129°, 41%, 65% |
| HSV | 129°, 35%, 80% |
| XYZ | 35.5450, 49.4688, 32.9859 |
| YIQ | 174.4040, -23.0100, -34.5460 |

Conversions

Conversions Part 2

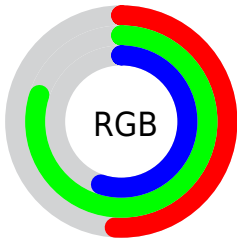
| Format | Color |
|-------------------------------------|--|
| RYB | 131, 194, 203 |
| Decimal | 8637325 |
| CIELab | 75.74, -35.21, 23.85 |
| CIElCh | 76, 42.526, 145.883 |
| Yxy | 49.4688, 0.3012, 0.4192 |
| Android (android.graphics.Color) | 4286827405 (0xFF83CB8D) |
| YUV | 174.4040, -16.4682, -38.0653 |
| Hunter-Lab | 70.3340, -32.8752, 21.4274 |

Details

The RYB color **131, 194, 203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **203, 131, 193**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **186, 247, 255**, and **78, 138, 148** is the 20% darker color. If you saturate the color by 10%, you get **111, 192, 203**, and if you desaturate by 10%, it is **151, 196, 203**.

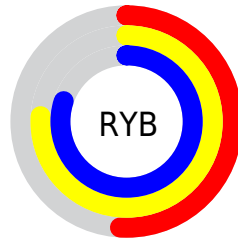
Distribution



Red (51%)

Green (80%)

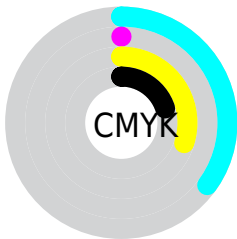
Blue (55%)



Red (51%)

Yellow (76%)

Blue (80%)

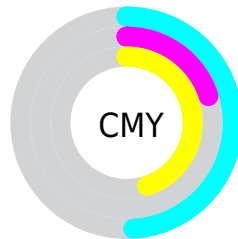


Cyan (35%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (49%)


Magenta (20%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 131, 194, 203 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 131, 194, 203 by changing the saturation by 10% instead.


 131, 194, 203


255, 255, 255


 186, 247, 255


 215, 248, 255

 244, 250, 255

 131, 194, 203

 104, 165, 175

 78, 137, 148

 51, 109, 122


 22, 80, 97


 0, 55, 72


 0, 49, 49


 0, 28, 28


 0, 0, 0


 131, 194, 203


 131, 194, 203

 111, 192, 203


 151, 196, 203

 90, 189, 203


 172, 199, 203

 70, 186, 203

 192, 202, 203

 50, 184, 203

 212, 203, 211

 30, 182, 203

 233, 203, 228

 9, 179, 203

 253, 203, 246

 0, 178, 203

 255, 203, 255

Harmonies

Analogous

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



114, 195, 132



131, 194, 203



75, 149, 207

Triad

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



131, 194, 203



118, 166, 255



255, 158, 154

Complementary

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



131, 194, 203



203, 131, 193

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, 156, 194



131, 194, 203



183, 178, 255

Square

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



131, 194, 203



30, 127, 251



231, 164, 231



247, 196, 123

Rectangle

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



131, 194, 203



16, 112, 207



231, 164, 231



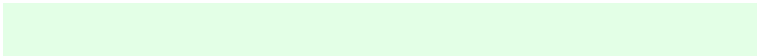
255, 156, 167

Sweetspot

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



131, 194, 203



227, 252, 255



131, 203, 141



111, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 194, 203



145, 241, 255



131, 175, 203



92, 101, 102



0, 145, 166



0, 34, 38

Inverse Universe

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



203, 131, 193



255, 145, 239



203, 131, 157



102, 92, 101



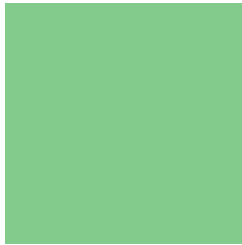
166, 0, 142



38, 0, 33

Previews

White Background



This preview shows how the RYB color 131, 194, 203 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 131, 194, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

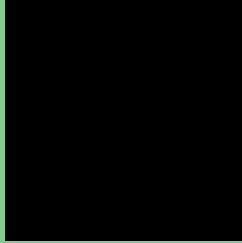
Any Text WCAG AA ✓ Pass

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 131, 194, 203 Background



This preview shows how black text looks on a background with the RYB color 131, 194, 203.

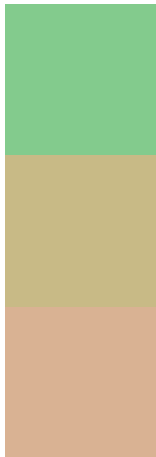


This preview shows how white text looks on a background with the RYB color 131, 194, 203.

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](#).

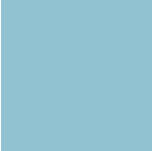
Dichromacy



Original Color
131, 194, 203

Protanopia
152, 200, 134

Deuteranopia
217, 203, 147



Tritanopia
145, 173, 210

Trichromacy



Original Color

131, 194, 203



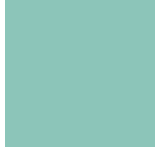
Protanomaly

137, 192, 154



Deuteranomaly

145, 187, 146



Tritanomaly

140, 172, 197

Monochromacy



Original Color

131, 194, 203



Achromatopsia

174, 174, 174



Achromatomaly

158, 182, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 131, 194, 203 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(131, 203, 141)` looks like.

```
.text, #text, p{  
    color:rgb(131, 203, 141)  
}
```

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(131, 203, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 203, 141) }
```

Border

The CSS property to change the border of an element to RYB 131, 194, 203 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(131, 203, 141) }
```

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

```
.border{ border-color:rgb(131, 203, 141) }
```

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

Here you see how a box with a 4 pixel rgb(131, 203, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 203, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 203, 141);  
box-shadow:4px 4px 4px 4px rgb(131, 203,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 131, 194, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 203, 141) }
```

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

```
.background{ background-color: rgb(131,  
203, 141) }
```

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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