

Converting Colors

`RYB(134, 203, 141)`

Have a look what the booklet for
RYB(134, 203, 141) contains.

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Color

R_YB(134, 203, 141)

Conversions

Conversions Part 1

Format	Color
Hex	C4CB86
RGB	196, 203, 134
RGB Percent	77%, 80%, 53%
CMY	0.2314, 0.2039, 0.4745
CMYK	0.03, 0.00, 0.34, 0.20
HSL	66°, 40%, 66%
HSV	66°, 34%, 80%
XYZ	48.4240, 56.1689, 30.8437
YIQ	193.0410, 17.9770, -22.9430

Conversions

Conversions Part 2

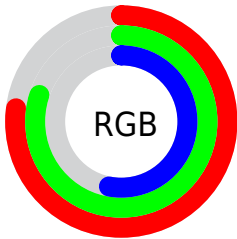
Format	Color
RYB	134, 203, 141
Decimal	12897158
CIELab	79.71, -13.20, 33.67
CIELCh	80, 36.162, 111.411
Yxy	56.1689, 0.3575, 0.4147
Android (android.graphics.Color)	4291087238 (0xFFC4CB86)
YUV	193.0410, -29.1072, 2.5950
Hunter-Lab	74.9459, -15.8231, 28.0615

Details

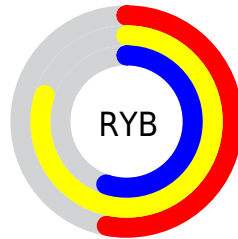
The RYB color **134, 203, 141** is a light color, and the websafe version is hex **C9C999**. A complement of this color would be **141, 134, 203**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **188, 255, 190**, and **83, 149, 91** is the 20% darker color. If you saturate the color by 10%, you get **114, 203, 123**, and if you desaturate by 10%, it is **154, 203, 159**.

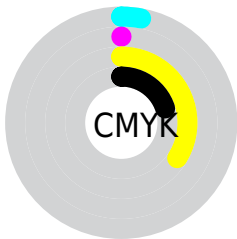
Distribution



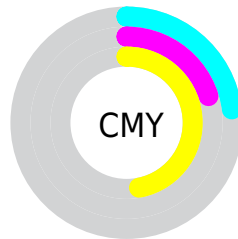
- Red (77%)
- Green (80%)
- Blue (53%)



- Red (53%)
- Yellow (80%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 203, 141 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 134, 203, 141 by changing the saturation by 10% instead.

 134, 203, 141


255, 255, 255


 188, 255, 190

 216, 255, 216

 244, 255, 244


 134, 203, 141

 108, 176, 116

 83, 149, 91

 59, 123, 67

 36, 98, 44

 11, 75, 21

 0, 52, 9

 0, 31, 13

 0, 0, 0

 134, 203, 141

 134, 203, 141

■ 114, 203, 123

■ 154, 203, 159

■ 93, 203, 104

■ 175, 203, 178

■ 73, 203, 86

■ 195, 203, 196

■ 53, 203, 68

■ 204, 203, 215

■ 33, 203, 50

■ 206, 203, 236

■ 12, 203, 31

■ 208, 203, 255

■ 0, 203, 21

■ 210, 203, 255

■ 212, 203, 255

■ 215, 203, 255

Harmonies

Analogous

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



193, 230, 131



134, 203, 141



154, 211, 208

Triad

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



134, 203, 141



92, 160, 249



255, 173, 209

Complementary

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



134, 203, 141



141, 134, 203

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.



231, 181, 240



134, 203, 141



137, 180, 255

Square

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



134, 203, 141



86, 152, 221



188, 192, 255



255, 173, 175

Rectangle

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



134, 203, 141



130, 185, 214



188, 192, 255



251, 175, 220

Sweetspot

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



134, 203, 141



230, 255, 233



203, 142, 134



112, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



134, 203, 141



150, 255, 161



134, 203, 175



92, 102, 93



0, 166, 17



0, 38, 4

Inverse Universe

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



141, 134, 203



161, 150, 255



175, 134, 203



93, 92, 102



17, 0, 166



4, 0, 38

Previews

White Background



This preview shows how the RYB color 134, 203, 141 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 134, 203, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

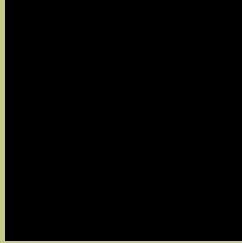
Any Text WCAG AA ✓ Pass

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 134, 203, 141 Background



This preview shows how black text looks on a background with the RYB color 134, 203, 141.






This preview shows how white text looks on a background with the RYB color 134, 203, 141.

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](#).

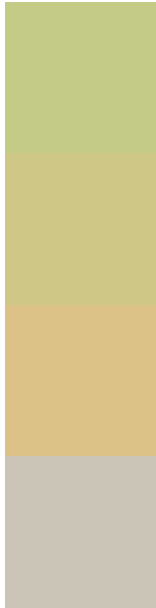
Dichromacy

	Original Color 134, 203, 141
	Protanopia 153, 214, 132
	Deuteranopia 224, 235, 137



Tritanopia
205, 194, 209

Trichromacy



Original Color
134, 203, 141

Protanomaly
142, 207, 133

Deuteranomaly
176, 221, 136

Tritanomaly
189, 202, 182

Monochromacy



Original Color
134, 203, 141

Achromatopsia
193, 193, 193

Achromatomaly
172, 197, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 203, 141 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(196, 203, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 134)  
}
```

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(196, 203, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 203, 141 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(196, 203, 134) }
```

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

```
.border{ border-color:rgb(196, 203, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 203, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 203, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 134) }
```

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

```
.background{ background-color: rgb(196,  
203, 134) }
```

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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