

Converting Colors

`RYB(134, 191, 183)`

Have a look what the booklet for
RYB(134, 191, 183) contains.

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Color

$\text{RYB}(134, 191, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	8EBF86
RGB	142, 191, 134
RGB Percent	56%, 75%, 53%
CMY	0.4431, 0.2510, 0.4745
CMYK	0.26, 0.00, 0.30, 0.25
HSL	112°, 31%, 64%
HSV	112°, 30%, 75%
XYZ	34.0892, 44.7336, 29.3920
YIQ	169.8510, -10.9070, -28.1150

Conversions

Conversions Part 2

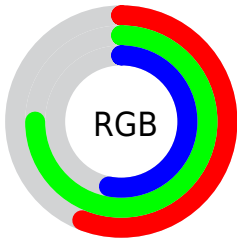
Format	Color
RYB	134, 191, 183
Decimal	9355142
CIELab	72.72, -27.15, 23.70
CIELCh	73, 36.041, 138.880
Yxy	44.7336, 0.3150, 0.4134
Android (android.graphics.Color)	4287545222 (0xFF8EBF86)
YUV	169.8510, -17.6745, -24.4253
Hunter-Lab	66.8832, -26.0672, 20.7631

Details

The RYB color **134, 191, 183** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **183, 134, 191**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **188, 248, 239**, and **84, 137, 131** is the 20% darker color. If you saturate the color by 10%, you get **115, 191, 180**, and if you desaturate by 10%, it is **153, 191, 186**.

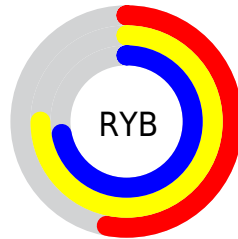
Distribution



Red (56%)

Green (75%)

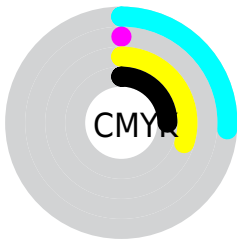
Blue (53%)



Red (53%)

Yellow (75%)

Blue (72%)

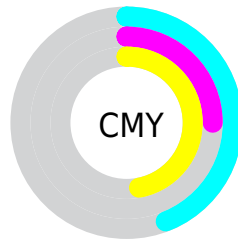


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (25%)



Cyan (44%)


Magenta (25%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 191, 183 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, 191, 183 by changing the saturation by 10% instead.


 134, 191, 183


255, 255, 255


 188, 248, 239


 215, 255, 245


 244, 255, 245

 134, 191, 183

 108, 164, 156

 84, 137, 131

 60, 112, 107


 38, 87, 84

 15, 62, 63

 0, 41, 41

 0, 17, 17


 0, 0, 0


 134, 191, 183


 134, 191, 183


 115, 191, 180


 153, 191, 186

 96, 191, 178


 172, 191, 188

 77, 191, 175


 191, 191, 191


 58, 191, 173

 208, 191, 210

 38, 191, 169

 224, 191, 230

 19, 191, 167

 241, 191, 249

 0, 191, 164

 255, 191, 255

Harmonies

Analogous

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



115, 183, 118



134, 191, 183



101, 157, 195

Triad

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



134, 191, 183



112, 159, 242



244, 154, 159

Complementary

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



134, 191, 183



183, 134, 191

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.



235, 154, 192



134, 191, 183



165, 173, 241

Square

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



134, 191, 183



65, 137, 227



208, 163, 222



235, 174, 130

Rectangle

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



134, 191, 183



75, 138, 196



208, 163, 222



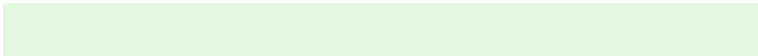
243, 153, 170

Sweetspot

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



134, 191, 183



225, 247, 244



145, 191, 134



111, 125, 123



252, 252, 252



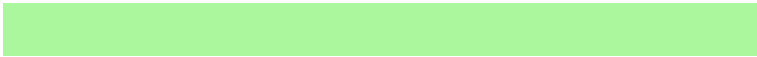
125, 125, 125

Same Dimension

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



134, 191, 183



158, 247, 234



134, 176, 191



85, 94, 93



0, 158, 136



0, 31, 27

Inverse Universe

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



183, 134, 191



235, 158, 247



191, 134, 171



93, 85, 94



136, 0, 158



26, 0, 31

Previews

White Background



This preview shows how the RYB color 134, 191, 183 looks on a white background.

Color Contrast Check

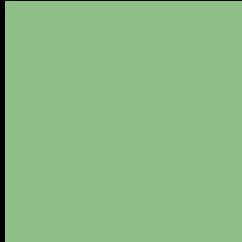
Large Text (above 18pt) WCAG AA × Fail

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, 191, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

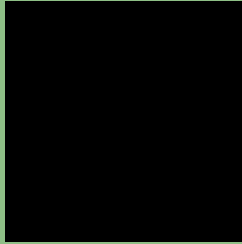
Any Text WCAG AA ✓ Pass

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, 191, 183 Background



This preview shows how black text looks on a background with the RYB color 134, 191, 183.

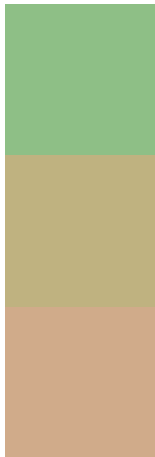


This preview shows how white text looks on a background with the RYB color 134, 191, 183.

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, 191, 183

Protanopia
144, 191, 128

Deuteranopia
208, 200, 138



Tritanopia
153, 171, 197

Trichromacy



Original Color
134, 191, 183

Protanomaly
130, 183, 140

Deuteranomaly
144, 184, 137

Tritanomaly
149, 171, 186

Monochromacy



Original Color
134, 191, 183

Achromatopsia
170, 170, 170

Achromatomaly
157, 178, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 134, 191, 183 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(142, 191, 134)` looks like.

```
.text, #text, p{  
    color:rgb(142, 191, 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(142, 191, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 191, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 191, 183 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(142, 191, 134) }
```

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

```
.border{ border-color:rgb(142, 191, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 191, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 191, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 191, 134);  
box-shadow:4px 4px 4px 4px rgb(142, 191,  
134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 191, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 191, 134) }
```

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

```
.background{ background-color: rgb(142,  
191, 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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