

Converting Colors

`RYB(134, 198, 223)`

Have a look what the booklet for
RYB(134, 198, 223) contains.

RYB(134, 198, 223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(134, 198, 223)

Conversions

Conversions Part 1

Format	Color
Hex	86DFA9
RGB	134, 223, 169
RGB Percent	53%, 87%, 66%
CMY	0.4745, 0.1255, 0.3382
CMYK	0.40, 0.00, 0.24, 0.13
HSL	143°, 58%, 70%
HSV	143°, 40%, 87%
XYZ	43.3586, 60.6995, 46.8518
YIQ	190.2330, -35.7100, -35.6620

Conversions

Conversions Part 2

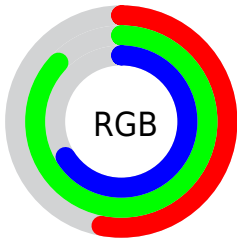
Format	Color
RYB	134, 198, 223
Decimal	8839081
CIELab	82.22, -38.45, 18.35
CIElCh	82, 42.601, 154.488
Yxy	60.6995, 0.2873, 0.4022
Android (android.graphics.Color)	4287029161 (0xFF86DFA9)
YUV	190.2330, -10.4679, -49.3163
Hunter-Lab	77.9099, -37.0029, 18.8823

Details

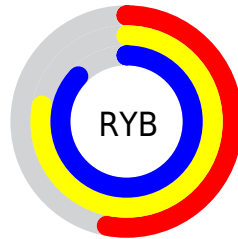
The RYB color **134, 198, 223** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **223, 134, 188**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **190, 233, 255**, and **79, 140, 167** is the 20% darker color. If you saturate the color by 10%, you get **112, 192, 223**, and if you desaturate by 10%, it is **156, 204, 223**.

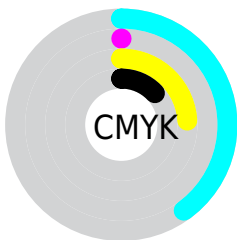
Distribution



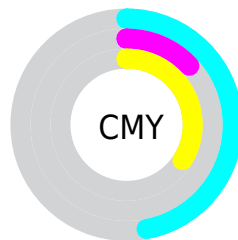
- Red (53%)
- Green (87%)
- Blue (66%)



- Red (53%)
- Yellow (78%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (13%)




- Cyan (47%)
- Magenta (13%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 198, 223 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, 198, 223 by changing the saturation by 10% instead.

 134, 198, 223

255, 255, 255


 190, 233, 255


 219, 238, 255

 248, 252, 255

 134, 198, 223

 106, 169, 195

 79, 140, 167


 50, 111, 140

 15, 79, 114


 0, 59, 89

 0, 47, 65


 0, 43, 43

 0, 15, 15


 0, 0, 0

 134, 198, 223


 134, 198, 223

 112, 192, 223


 156, 204, 223

 89, 185, 223


 179, 211, 223

 67, 179, 223

 201, 217, 223

 45, 173, 223

 223, 223, 223

 22, 166, 223

 245, 223, 237

 0, 160, 223

 255, 223, 250

 255, 223, 255

Harmonies

Analogous

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



137, 216, 170



134, 198, 223



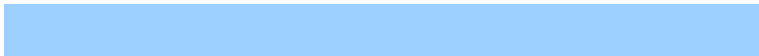
79, 157, 226

Triad

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



134, 198, 223



157, 190, 255



255, 182, 161

Complementary

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



134, 198, 223



223, 134, 188

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, 173, 200



134, 198, 223



217, 192, 255

Square

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



134, 198, 223



87, 161, 255



255, 179, 240



255, 240, 133

Rectangle

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



134, 198, 223



44, 137, 236



255, 179, 240



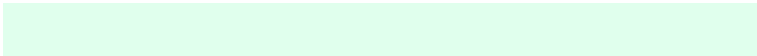
255, 175, 173

Sweetspot

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



134, 198, 223



224, 246, 255



134, 223, 168



110, 123, 128



0, 0, 0



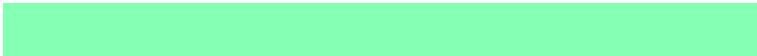
128, 128, 128

Same Dimension

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



134, 198, 223



133, 221, 255



134, 181, 223



101, 109, 112



0, 126, 176



0, 34, 48

Inverse Universe

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



223, 134, 188



255, 133, 207



223, 134, 144



112, 101, 108



176, 0, 107



48, 0, 30

Previews

White Background



This preview shows how the RYB color 134, 198, 223 looks on a white background.

Color Contrast Check

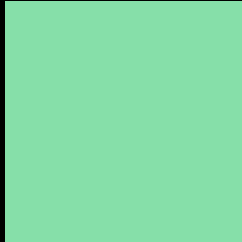
Large Text (above 18pt) WCAG AA × Fail

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, 198, 223 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, 198, 223 Background



This preview shows how black text looks on a background with the RYB color 134, 198, 223.

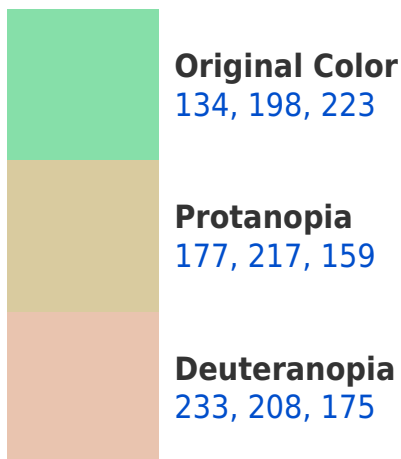


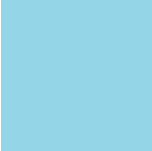
This preview shows how white text looks on a background with the RYB color 134, 198, 223.

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
148, 185, 232

Trichromacy



Original Color

134, 198, 223



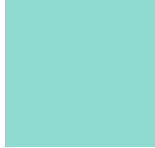
Protanomaly

163, 210, 186



Deuteranomaly

173, 206, 182



Tritanomaly

143, 183, 218

Monochromacy



Original Color

134, 198, 223



Achromatopsia

190, 190, 190



Achromatomaly

170, 193, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 198, 223 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(134, 223, 169)` looks like.

```
.text, #text, p{  
    color:rgb(134, 223, 169)  
}
```

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(134, 223, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 223, 169) }
```

Border

The CSS property to change the border of an element to RYB 134, 198, 223 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(134, 223, 169) }
```

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

```
.border{ border-color:rgb(134, 223, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 223, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 223, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 223, 169);  
box-shadow:4px 4px 4px 4px rgb(134, 223,  
169) }
```

Background

The CSS property to change the background color of an element to RYB 134, 198, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 223, 169) }
```

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

```
.background{ background-color: rgb(134,  
223, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor