

Converting Colors

`RYB(134, 174, 184)`

Have a look what the booklet for
RYB(134, 174, 184) contains.

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Color

R_YB(134, 174, 184)

Conversions

Conversions Part 1

Format	Color
Hex	86B893
RGB	134, 184, 147
RGB Percent	53%, 72%, 58%
CMY	0.4745, 0.2784, 0.4255
CMYK	0.27, 0.00, 0.20, 0.28
HSL	135°, 26%, 62%
HSV	135°, 27%, 72%
XYZ	32.1993, 41.4402, 33.7002
YIQ	164.8320, -17.9230, -22.1070

Conversions

Conversions Part 2

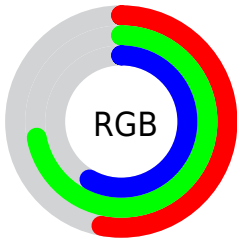
Format	Color
RYB	134, 174, 184
Decimal	8829075
CIELab	70.48, -24.22, 13.82
CIELCh	70, 27.884, 150.282
Yxy	41.4402, 0.3000, 0.3861
Android (android.graphics.Color)	4287019155 (0xFF86B893)
YUV	164.8320, -8.7912, -27.0397
Hunter-Lab	64.3741, -23.3707, 14.0232

Details

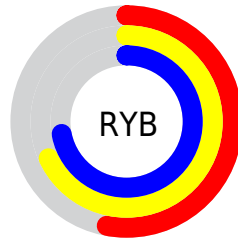
The RYB color **134, 174, 184** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **184, 134, 172**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **188, 230, 240**, and **83, 121, 131** is the 20% darker color. If you saturate the color by 10%, you get **116, 170, 184**, and if you desaturate by 10%, it is **152, 178, 184**.

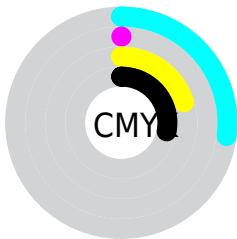
Distribution



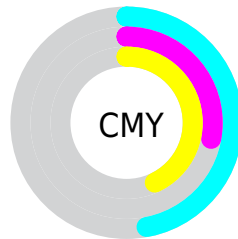
- Red (53%)
- Green (72%)
- Blue (58%)



- Red (53%)
- Yellow (68%)
- Blue (72%)



- Cyan (27%)
- Magenta (0%)
- Yellow (20%)
- Black (28%)




- Cyan (47%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 174, 184 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, 174, 184 by changing the saturation by 10% instead.


 134, 174, 184

255, 255, 255


 188, 230, 240

 216, 245, 255

 245, 250, 255

 134, 174, 184

 108, 147, 157

 83, 121, 131

 58, 94, 105


 34, 70, 81

 7, 43, 58

 0, 33, 36

 0, 3, 3


 0, 0, 0


 134, 174, 184


 134, 174, 184

 116, 170, 184


 152, 178, 184


 97, 166, 184


 171, 182, 184


 79, 163, 184


 189, 184, 188

 60, 159, 184

 208, 184, 202

 42, 156, 184

 226, 184, 216

 24, 152, 184

 244, 184, 229

 5, 148, 184

 255, 184, 243

 0, 147, 184

 255, 184, 255

Harmonies

Analogous

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



128, 179, 144



134, 174, 184



107, 150, 186

Triad

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



134, 174, 184



141, 165, 223



223, 157, 148

Complementary

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



134, 174, 184



184, 134, 172

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.



221, 154, 173



134, 174, 184



176, 166, 216

Square

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



134, 174, 184



108, 152, 216



205, 158, 198



211, 184, 129

Rectangle

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



134, 174, 184



96, 142, 189



205, 158, 198



224, 154, 156

Sweetspot

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



134, 174, 184



221, 237, 240



134, 184, 147



108, 118, 120



247, 247, 247



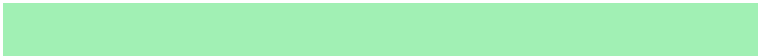
120, 120, 120

Same Dimension

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



134, 174, 184



161, 225, 240



134, 163, 184



83, 90, 92



0, 125, 156



0, 22, 28

Inverse Universe

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



184, 134, 171



240, 161, 220



184, 134, 147



92, 83, 90



156, 0, 117



28, 0, 21

Previews

White Background



This preview shows how the RYB color 134, 174, 184 looks on a white background.

Color Contrast Check

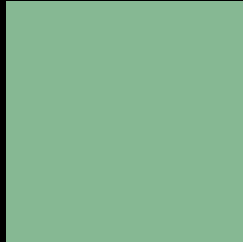
Large Text (above 18pt) WCAG AA × Fail

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, 174, 184 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, 174, 184 Background



This preview shows how black text looks on a background with the RYB color 134, 174, 184.



This preview shows how white text looks on a background with the RYB color 134, 174, 184.

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](#).

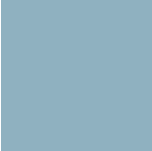
Dichromacy



Original Color
134, 174, 184

Protanopia
155, 182, 140

Deuteranopia
196, 172, 150



Tritanopia
143, 163, 192

Trichromacy



Original Color
134, 174, 184

Protanomaly
142, 176, 153

Deuteranomaly
150, 173, 149

Tritanomaly
140, 161, 180

Monochromacy



Original Color
134, 174, 184

Achromatopsia
165, 165, 165

Achromatomaly
154, 169, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 174, 184 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, 184, 147)` looks like.

```
.text, #text, p{  
    color:rgb(134, 184, 147)  
}
```

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, 184, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 184, 147) }
```

Border

The CSS property to change the border of an element to RYB 134, 174, 184 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, 184, 147) }
```

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

```
.border{ border-color:rgb(134, 184, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 184, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 184, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 184, 147); box-shadow:4px 4px 4px 4px rgb(134, 184, 147) }
```

Background

The CSS property to change the background color of an element to RYB 134, 174, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 184, 147) }
```

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

```
.background{ background-color: rgb(134,  
184, 147) }
```

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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