

Converting Colors

`RYB(134, 161, 171)`

Have a look what the booklet for
RYB(134, 161, 171) contains.

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Color

R_YB(134, 161, 171)

Conversions

Conversions Part 1

Format	Color
Hex	86AB94
RGB	134, 171, 148
RGB Percent	53%, 67%, 58%
CMY	0.4745, 0.3294, 0.4208
CMYK	0.22, 0.00, 0.14, 0.33
HSL	142°, 18%, 60%
HSV	142°, 22%, 67%
XYZ	29.7163, 36.3229, 33.3390
YIQ	157.3150, -14.6690, -14.9970

Conversions

Conversions Part 2

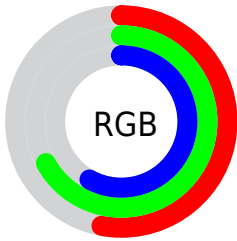
Format	Color
RYB	134, 161, 171
Decimal	8825748
CIELab	66.77, -17.39, 7.90
CIElCh	67, 19.103, 155.577
Yxy	36.3229, 0.2990, 0.3655
Android (android.graphics.Color)	4287015828 (0xFF86AB94)
YUV	157.3150, -4.5923, -20.4473
Hunter-Lab	60.2685, -17.4577, 9.3902

Details

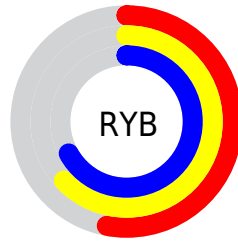
The RYB color **134, 161, 171** is a light color, and the websafe version is hex **669999**. A complement of this color would be **171, 134, 157**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **188, 216, 226**, and **84, 110, 119** is the 20% darker color. If you saturate the color by 10%, you get **117, 156, 171**, and if you desaturate by 10%, it is **151, 166, 171**.

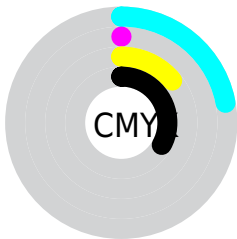
Distribution



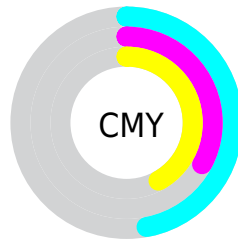
- Red (53%)
- Green (67%)
- Blue (58%)



- Red (53%)
- Yellow (63%)
- Blue (67%)



- Cyan (22%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)



- Cyan (47%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 161, 171 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, 161, 171 by changing the saturation by 10% instead.


 134, 161, 171

255, 255, 255


 188, 216, 226

 216, 245, 255

 244, 250, 255

 134, 161, 171

 108, 134, 144

 84, 110, 119


 60, 85, 94


 37, 60, 70


 14, 36, 47


 0, 24, 28

 0, 0, 0

 134, 161, 171


 117, 156, 171

 134, 161, 171


 151, 166, 171


 100, 152, 171


 168, 170, 171

 83, 148, 171


 185, 171, 180

 66, 143, 171


 202, 171, 191

 49, 138, 171

 219, 171, 202

 31, 133, 171

 237, 171, 212

 14, 129, 171

 254, 171, 223

 0, 125, 171

 255, 171, 234

 255, 171, 245

Harmonies

Analogous

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



134, 167, 148



134, 161, 171



119, 147, 172

Triad

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



134, 161, 171



147, 159, 196



197, 154, 143

Complementary

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



134, 161, 171



171, 134, 157

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.



197, 150, 160



134, 161, 171



170, 157, 190

Square

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



134, 161, 171



126, 152, 193



188, 152, 177



188, 177, 132

Rectangle

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



134, 161, 171



115, 145, 177



188, 152, 177



198, 151, 148

Sweetspot

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



134, 161, 171



209, 219, 222



134, 171, 148



104, 110, 112



240, 240, 240



112, 112, 112

Same Dimension

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



134, 161, 171



164, 206, 222



134, 154, 171



78, 85, 87



0, 109, 150



0, 17, 23

Inverse Universe

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



171, 134, 157



222, 164, 200



171, 134, 139



87, 78, 83



150, 0, 95



23, 0, 14

Previews

White Background



This preview shows how the RYB color 134, 161, 171 looks on a white background.

Color Contrast Check

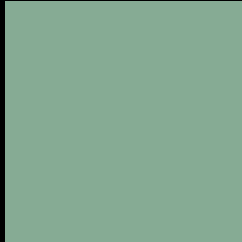
Large Text (above 18pt) WCAG AA × Fail

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, 161, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

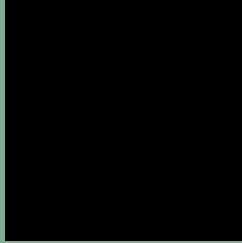
Any Text WCAG AA ✓ Pass

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, 161, 171 Background



This preview shows how black text looks on a background with the RYB color 134, 161, 171.

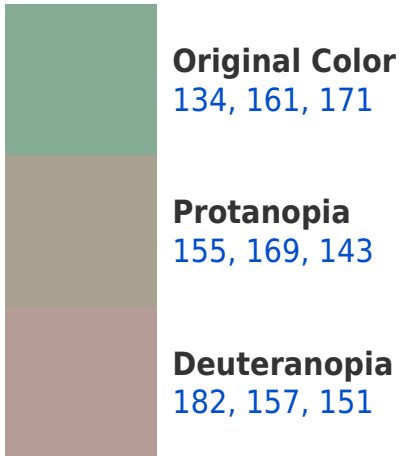


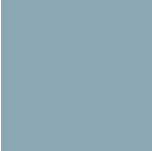
This preview shows how white text looks on a background with the RYB color 134, 161, 171.

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
140, 156, 180

Trichromacy



Original Color
134, 161, 171

Protanomaly
145, 165, 154

Deuteranomaly
155, 165, 150

Tritanomaly
138, 153, 168

Monochromacy



Original Color
134, 161, 171

Achromatopsia
157, 157, 157

Achromatomaly
149, 158, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 161, 171 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, 171, 148)` looks like.

```
.text, #text, p{  
    color:rgb(134, 171, 148)  
}
```

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, 171, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 171, 148) }
```

Border

The CSS property to change the border of an element to RYB 134, 161, 171 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, 171, 148) }
```

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

```
.border{ border-color:rgb(134, 171, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 171, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 171, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 171, 148);  
box-shadow:4px 4px 4px 4px rgb(134, 171,  
148) }
```

Background

The CSS property to change the background color of an element to RYB 134, 161, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 171, 148) }
```

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

```
.background{ background-color: rgb(134,  
171, 148) }
```

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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