

Converting Colors

`RYB(135, 194, 173)`

Have a look what the booklet for
RYB(135, 194, 173) contains.

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Color

$\text{RYB}(135, 194, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	9CC287
RGB	156, 194, 135
RGB Percent	61%, 76%, 53%
CMY	0.3882, 0.2392, 0.4706
CMYK	0.20, 0.00, 0.30, 0.24
HSL	99°, 33%, 65%
HSV	99°, 30%, 76%
XYZ	37.3753, 47.4008, 30.1010
YIQ	175.9120, -3.7090, -26.4050

Conversions

Conversions Part 2

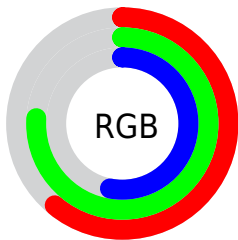
Format	Color
RYB	135, 194, 173
Decimal	10273415
CIELab	74.45, -23.54, 25.65
CIELCh	74, 34.815, 132.539
Yxy	47.4008, 0.3254, 0.4126
Android (android.graphics.Color)	4288463495 (0xFF9CC287)
YUV	175.9120, -20.1696, -17.4628
Hunter-Lab	68.8482, -23.5830, 22.2716

Details

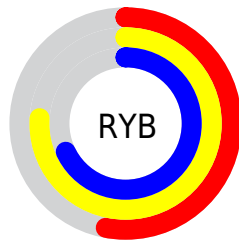
The RYB color **135, 194, 173** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173, 135, 194**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **189, 251, 229**, and **85, 140, 121** is the 20% darker color. If you saturate the color by 10%, you get **116, 194, 166**, and if you desaturate by 10%, it is **154, 194, 180**.

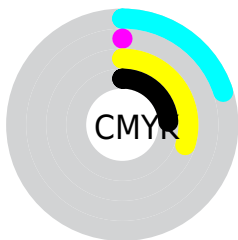
Distribution



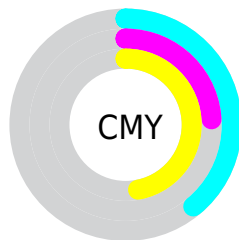
- Red (61%)
- Green (76%)
- Blue (53%)



- Red (53%)
- Yellow (76%)
- Blue (68%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (24%)



- Cyan (39%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 194, 173 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 135, 194, 173 by changing the saturation by 10% instead.

 135, 194, 173

255, 255, 255


 189, 251, 229


 217, 255, 232

 245, 255, 245

 135, 194, 173

 109, 167, 147

 85, 140, 121

 61, 115, 97

 38, 90, 73


 16, 66, 51

 0, 44, 34

 0, 24, 24


 0, 0, 0

 135, 194, 173


 135, 194, 173


 116, 194, 166


 154, 194, 180

 96, 194, 159


 174, 194, 187


 77, 194, 152


 193, 194, 194


 57, 194, 145

 206, 194, 213

 38, 194, 138

 218, 194, 232

 19, 194, 132

 231, 194, 251

 0, 194, 125

 243, 194, 255

 255, 194, 255

Harmonies

Analogous

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



128, 192, 120



135, 194, 173



118, 170, 199

Triad

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



135, 194, 173



111, 161, 243



246, 159, 171

Complementary

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



135, 194, 173



173, 135, 194

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.



234, 161, 203



135, 194, 173



160, 177, 245

Square

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



135, 194, 173



74, 142, 225



204, 170, 230



241, 173, 141

Rectangle

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



135, 194, 173



93, 151, 201



204, 170, 230



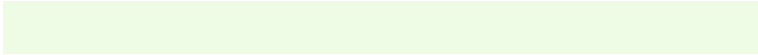
244, 159, 182

Sweetspot

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



135, 194, 173



230, 252, 244



170, 194, 135



113, 128, 123



0, 0, 0



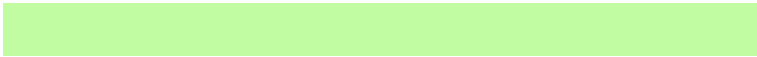
128, 128, 128

Same Dimension

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



135, 194, 173



162, 252, 220



135, 187, 194



87, 97, 93



0, 161, 104



0, 33, 21

Inverse Universe

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



173, 135, 194



220, 162, 252



194, 135, 186



93, 87, 97



103, 0, 161



21, 0, 33

Previews

White Background



This preview shows how the RYB color 135, 194, 173 looks on a white background.

Color Contrast Check

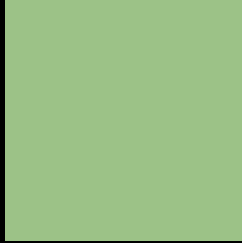
Large Text (above 18pt) WCAG AA × Fail

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 135, 194, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

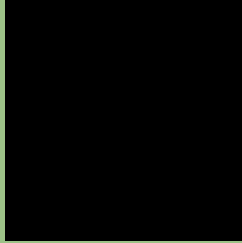
Any Text WCAG AA ✓ Pass

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 135, 194, 173 Background



This preview shows how black text looks on a background with the RYB color 135, 194, 173.

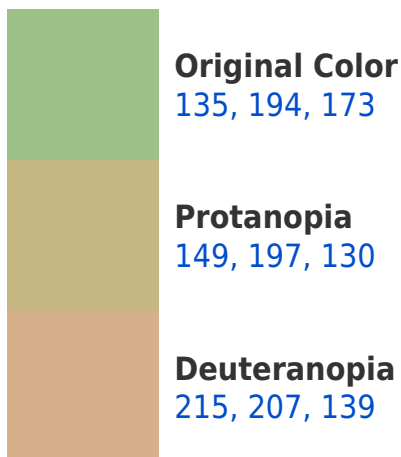


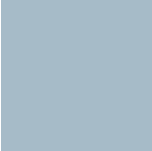
This preview shows how white text looks on a background with the RYB color 135, 194, 173.

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](#).

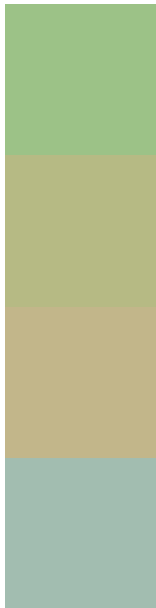
Dichromacy





Tritanopia
166, 179, 200

Trichromacy



Original Color
135, 194, 173

Protanomaly
132, 186, 136

Deuteranomaly
153, 194, 138

Tritanomaly
162, 180, 189

Monochromacy



Original Color
135, 194, 173

Achromatopsia
176, 176, 176

Achromatomaly
161, 183, 175

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 194, 173 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(156, 194, 135)` looks like.

```
.text, #text, p{  
    color:rgb(156, 194, 135)  
}
```

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(156, 194, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 194, 135) }
```

Border

The CSS property to change the border of an element to RYB 135, 194, 173 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(156, 194, 135) }
```

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

```
.border{ border-color:rgb(156, 194, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 194, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 194, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 194, 135);  
box-shadow:4px 4px 4px 4px rgb(156, 194,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 135, 194, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 194, 135) }
```

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

```
.background{ background-color: rgb(156,  
194, 135) }
```

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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