

Converting Colors

`RYB(134, 200, 163)`

Have a look what the booklet for
RYB(134, 200, 163) contains.

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Color

R_YB(134, 200, 163)

Conversions

Conversions Part 1

Format	Color
Hex	ABC886
RGB	171, 200, 134
RGB Percent	67%, 78%, 53%
CMY	0.3294, 0.2157, 0.4745
CMYK	0.15, 0.00, 0.33, 0.22
HSL	86°, 37%, 65%
HSV	86°, 33%, 78%
XYZ	41.7519, 51.6877, 30.3304
YIQ	183.8050, 3.9020, -26.6740

Conversions

Conversions Part 2

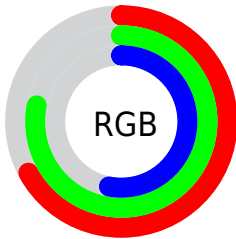
Format	Color
RYB	134, 200, 163
Decimal	11257990
CIELab	77.09, -21.18, 29.89
CIELCh	77, 36.632, 125.322
Yxy	51.6877, 0.3373, 0.4176
Android (android.graphics.Color)	4289448070 (0xFFABC886)
YUV	183.8050, -24.5539, -11.2300
Hunter-Lab	71.8942, -22.1524, 25.3129

Details

The RYB color **134, 200, 163** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **163, 134, 200**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **188, 255, 216**, and **83, 146, 111** is the 20% darker color. If you saturate the color by 10%, you get **114, 200, 152**, and if you desaturate by 10%, it is **154, 200, 174**.

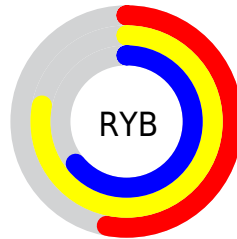
Distribution



Red (67%)

Green (78%)

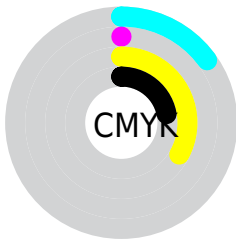
Blue (53%)



Red (53%)

Yellow (78%)

Blue (64%)

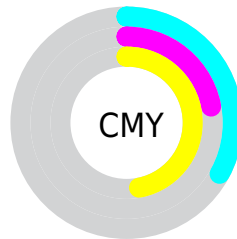


Cyan (15%)

Magenta (0%)

Yellow (33%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 134, 200, 163 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, 200, 163 by changing the saturation by 10% instead.

 134, 200, 163


255, 255, 255


 188, 255, 216


 216, 255, 216

 244, 255, 244


 134, 200, 163

 108, 173, 137

 83, 146, 111

 60, 120, 88

 36, 95, 63

 13, 71, 40

 0, 49, 26

 0, 29, 29

 0, 0, 0

 134, 200, 163

 134, 200, 163

 114, 200, 152

 154, 200, 174

 94, 200, 141

 174, 200, 185

 74, 200, 129

 194, 200, 197

 54, 200, 118

 206, 200, 214

 34, 200, 107

 215, 200, 234

 14, 200, 96

 224, 200, 254

 0, 200, 88

 233, 200, 255

 241, 200, 255

 250, 200, 255

Harmonies

Analogous

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



145, 208, 122



134, 200, 163



131, 185, 206

Triad

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



134, 200, 163



100, 161, 251



255, 164, 185

Complementary

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



134, 200, 163



163, 134, 200

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.



238, 169, 219



134, 200, 163



153, 181, 255

Square

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



134, 200, 163



70, 143, 228



203, 179, 246



255, 172, 153

Rectangle

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



134, 200, 163



103, 162, 208



203, 179, 246



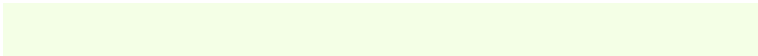
252, 165, 197

Sweetspot

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



134, 200, 163



230, 255, 241



200, 186, 134



112, 128, 119



0, 0, 0



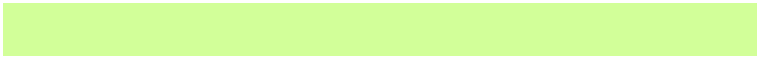
128, 128, 128

Same Dimension

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



134, 200, 163



153, 255, 198



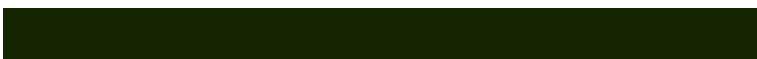
134, 200, 196



90, 99, 94



0, 163, 72



0, 36, 16

Inverse Universe

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



163, 134, 200



198, 153, 255



196, 134, 200



94, 90, 99



72, 0, 163



16, 0, 36

Previews

White Background



This preview shows how the RYB color 134, 200, 163 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, 200, 163 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, 200, 163 Background



This preview shows how black text looks on a background with the RYB color 134, 200, 163.



This preview shows how white text looks on a background with the RYB color 134, 200, 163.

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, 200, 163

Protanopia
150, 206, 130

Deuteranopia
223, 225, 138



Tritanopia
181, 188, 206

Trichromacy



Original Color

134, 200, 163

Protanomaly

131, 194, 132

Deuteranomaly

158, 205, 137

Tritanomaly

177, 191, 194

Monochromacy



Original Color

134, 200, 163

Achromatopsia

184, 184, 184

Achromatomaly

166, 190, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 134, 200, 163 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(171, 200, 134)` looks like.

```
.text, #text, p{  
    color:rgb(171, 200, 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(171, 200, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 200, 134) }
```

Border

The CSS property to change the border of an element to RYB 134, 200, 163 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(171, 200, 134) }
```

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

```
.border{ border-color:rgb(171, 200, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 200, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 200, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 200, 134); box-shadow:4px 4px 4px 4px rgb(171, 200, 134) }
```

Background

The CSS property to change the background color of an element to RYB 134, 200, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 200, 134) }
```

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

```
.background{ background-color: rgb(171,  
200, 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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