Converting Colors

RYB(135, 185, 192)

Have a look what the booklet for RYB(135, 185, 192) contains.

Color

RYB(135, 185, 192)

Conversions

Conversions Part 1

Format	Color
Hex	87C08F
RGB	135, 192, 143
RGB Percent	53%, 75%, 56%
CMY	0.4706, 0.2471, 0.4393
CMYK	0.30, 0.00, 0.26, 0.25
HSL	128°, 31%, 64%
HSV	128°, 30%, 75%
XYZ	33.7977, 44.8327, 32.8509
YIQ	169.3710, -18.2430, -27.3230

Conversions

Conversions Part 2

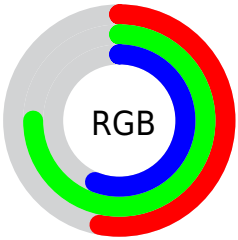
Format	Color
RYB	135, 185, 192
Decimal	8896655
CIELab	72.78, -28.45, 18.93
CIELCh	73, 34.172, 146.358
Yxy	44.8327, 0.3032, 0.4022
Android (android.graphics.Color)	4287086735 (0xFF87C08F)
YUV	169.3710, -13.0009, -30.1434
Hunter-Lab	66.9573, -27.0745, 17.7809

Details

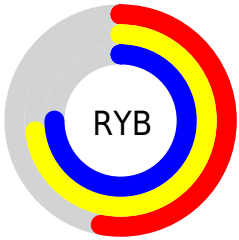
The RYB color 135, 185, 192 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 192, 135, 184, and the grayscale version is 170, 170, 170.

A 20% lighter version of the original color is 190, 243, 249, and 83, 130, 138 is the 20% darker color. If you saturate the color by 10%, you get 116, 183, 192, and if you desaturate by 10%, it is 154, 188, 192.

Distribution

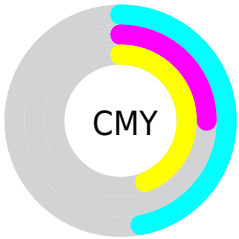


- Red (53%)
- Green (75%)
- Blue (56%)



- Red (53%)
- Yellow (73%)
- Blue (75%)

- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (47%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 185, 192 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, 185, 192 by changing the saturation by 10% instead.

135, 185, 192	135, 185, 192
255, 255, 255	109, 158, 165
190, 243, 249	83, 130, 138
218, 249, 255	58, 103, 112
247, 251, 255	33, 77, 88
	3, 48, 64
	0, 41, 41
	0, 17, 17
	0, 0, 0

135, 185, 192	135, 185, 192

116, 183, 192

97, 181, 192

77, 178, 192

58, 175, 192

39, 174, 192

20, 171, 192

1, 169, 192

0, 168, 192

154, 188, 192

173, 189, 192

193, 192, 193

212, 192, 209

231, 192, 226

250, 192, 242

255, 192, 255

Harmonies

Analogous

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

122, 185, 136

135, 185, 192

98, 152, 195

Triad

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

135, 185, 192

130, 166, 240

240, 157, 152

Complementary

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

135, 185, 192

192, 135, 184

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.

236, 155, 184

135, 185, 192

177, 172, 235

Square

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

135, 185, 192

85, 146, 230

215, 161, 214

228, 187, 128

Rectangle

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

135, 185, 192

77, 137, 196

215, 161, 214

241, 155, 162

Sweetspot

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

135, 185, 192

227, 247, 250

135, 192, 143

111, 123, 125

252, 252, 252

125, 125, 125

Same Dimension

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

135, 185, 192

160, 239, 250

135, 170, 192

87, 95, 97

0, 142, 161

0, 29, 33

Inverse Universe

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

192, 135, 184

250, 160, 237

192, 135, 156

97, 87, 96

161, 0, 138

33, 0, 29

Previews

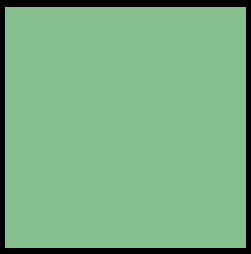
White Background

This preview shows how the RYB color 135, 185, 192 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



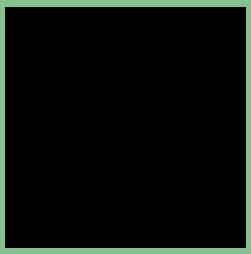
This preview shows how the RYB color 135, 185, 192 looks on a black background.

Color Contrast Check

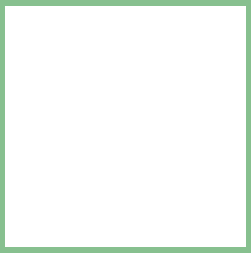
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 135, 185, 192 Background



This preview shows how black text looks on a background with the RYB color 135, 185, 192.

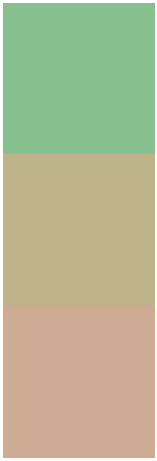


This preview shows how white text looks on a background with the RYB color 135, 185, 192.

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
135, 185, 192

Protanopia
151, 190, 136

Deuteranopia
206, 187, 147

Tritanopia
146, 168, 199

Trichromacy

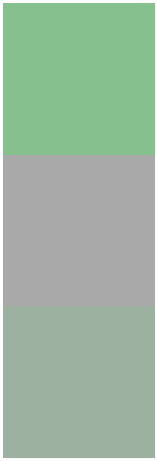
Original Color
135, 185, 192

Protanomaly
139, 183, 152

Deuteranomaly
147, 180, 146

Tritanomaly
142, 167, 188

Monochromacy



Original Color
135, 185, 192

Achromatopsia
169, 169, 169

Achromatomaly
157, 174, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 185, 192 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(135, 192, 143) looks like.

```
.text, #text, p{
    color:rgb(135, 192, 143)
}
```

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(135, 192, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 192, 143) }
```

Border

The CSS property to change the border of an element to RYB 135, 185, 192 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(135, 192, 143) }
```

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

```
.border{ border-color:rgb(135, 192, 143) }
```

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

Here you see how a box with a 4 pixel rgb(135, 192, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 192, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 192, 143); box-shadow:4px 4px 4px 4px rgb(135, 192, 143) }
```

Background

The CSS property to change the background color of an element to RYB 135, 185, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(135, 192, 143) }
```

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

```
.background{ background-color:rgb(135,
192, 143) }
```

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