Converting Colors

RYB(171, 197, 204)

Have a look what the booklet for RYB(171, 197, 204) contains.

Color

RYB(171, 197, 204)

Conversions

Conversions Part 1

Format	Color
Hex	ABCCB4
RGB	171, 204, 180
RGB Percent	67%, 80%, 71%
CMY	0.3294, 0.2000, 0.2946
CMYK	0.16, 0.00, 0.12, 0.20
HSL	136°, 24%, 74%
HSV	136°, 16%, 80%
XYZ	46.6139, 55.1342, 51.3036
YIQ	191.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

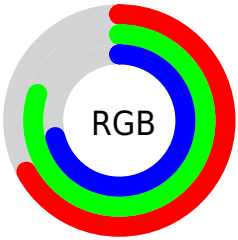
Format	Color
RYB	171, 197, 204
Decimal	11259060
CIELab	79.12, -15.69, 8.37
CIELCh	79, 17.783, 151.931
Yxy	55.1342, 0.3046, 0.3602
Android (android.graphics.Color)	4289449140 (0xFFABCCB4)
YUV	191.3970, -5.6187, -17.8882
Hunter-Lab	74.2524, -17.8837, 11.0112

Details

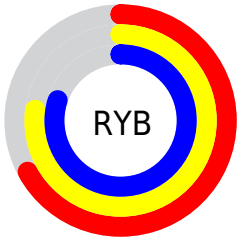
The RYB color 171, 197, 204 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 204, 171, 195, and the grayscale version is 191, 191, 191.

A 20% lighter version of the original color is 227, 248, 255, and 118, 143, 150 is the 20% darker color. If you saturate the color by 10%, you get 151, 193, 204, and if you desaturate by 10%, it is 191, 201, 204.

Distribution

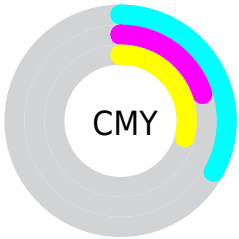


- Red (67%)
- Green (80%)
- Blue (71%)



- Red (67%)
- Yellow (77%)
- Blue (80%)

- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (20%)



- Cyan (33%)
- Magenta (20%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 197, 204 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 171, 197, 204 by changing the saturation by 10% instead.

171, 197, 204

255, 255, 255

227, 248, 255

171, 197, 204

144, 170, 177

118, 143, 150

93, 117, 124

69, 92, 99

46, 68, 75

24, 45, 52

2, 24, 31

0, 0, 0

171, 197, 204

171, 197, 204

151, 193, 204

130, 188, 204

110, 184, 204

89, 180, 204

69, 176, 204

49, 172, 204

28, 166, 204

8, 162, 204

0, 161, 204

191, 201, 204

212, 204, 210

232, 204, 225

253, 204, 240

255, 204, 254

255, 204, 255

Harmonies

Analogous

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

168, 200, 178

171, 197, 204

157, 184, 206

Triad

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

171, 197, 204

179, 192, 229

230, 187, 179

Complementary

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

171, 197, 204

204, 171, 195

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.

229, 184, 195

171, 197, 204

200, 191, 224

Square

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

171, 197, 204

161, 186, 225

219, 187, 212

223, 206, 167

Rectangle

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

171, 197, 204

153, 180, 208

219, 187, 212

231, 185, 184

Sweetspot

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

171, 197, 204

242, 252, 255

171, 204, 180

120, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

171, 197, 204

207, 245, 255

171, 190, 204

92, 100, 102

0, 131, 166

0, 30, 38

Inverse Universe

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

204, 171, 195

255, 207, 242

204, 171, 179

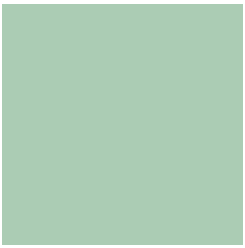
102, 92, 99

166, 0, 121

38, 0, 28

Previews

White Background

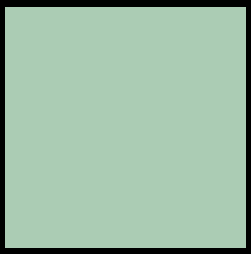


This preview shows how the RYB color 171, 197, 204 looks on a white background.

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



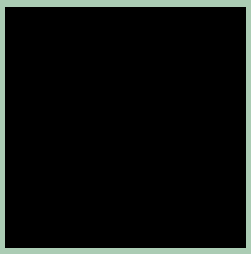
This preview shows how the RYB color 171, 197, 204 looks on a black background.

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 171, 197, 204 Background



This preview shows how black text looks on a background with the RYB color 171, 197, 204.

This preview shows how white text looks on a background with the RYB color 171, 197, 204.

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

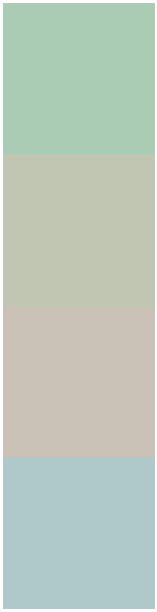
Original Color
171, 197, 204

Protanopia
188, 204, 175

Deuteranopia
219, 190, 183

Tritanopia
177, 191, 215

Trichromacy



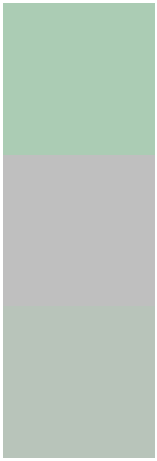
Original Color
171, 197, 204

Protanomaly
177, 198, 183

Deuteranomaly
195, 202, 182

Tritanomaly
175, 188, 202

Monochromacy



Original Color
171, 197, 204

Achromatopsia
191, 191, 191

Achromatomaly
184, 194, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 197, 204 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, 204, 180) looks like.

```
.text, #text, p{
    color:rgb(171, 204, 180)
}
```

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, 204, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 204, 180) }
```

Border

The CSS property to change the border of an element to RYB 171, 197, 204 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, 204, 180) }
```

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

```
.border{ border-color:rgb(171, 204, 180) }
```

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

Here you see how a box with a 4 pixel rgb(171, 204, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 204, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 204, 180); box-shadow:4px 4px 4px 4px rgb(171, 204, 180) }
```

Background

The CSS property to change the background color of an element to RYB 171, 197, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(171, 204, 180) }
```

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

```
.background{ background-color:rgb(171,
204, 180) }
```

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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