Converting Colors

RYB(177, 198, 197)

Have a look what the booklet for RYB(177, 198, 197) contains.

Color

RYB(177, 198, 197)

Conversions

Conversions Part 1

Format	Color
Hex	B2C6B1
RGB	178, 198, 177
RGB Percent	70%, 78%, 69%
CMY	0.3020, 0.2235, 0.3059
CMYK	0.10, 0.00, 0.11, 0.22
HSL	117°, 16%, 74%
HSV	117°, 11%, 78%
XYZ	46.4900, 53.0275, 49.3800
YIQ	189.6260, -5.1790, -10.7710

Conversions

Conversions Part 2

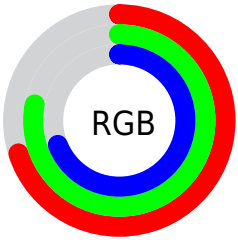
Format	Color
RYB	177, 198, 197
Decimal	11716273
CIELab	77.89, -10.75, 8.22
CIELCh	78, 13.534, 142.594
Yxy	53.0275, 0.3122, 0.3561
Android (android.graphics.Color)	4289906353 (0xFFB2C6B1)
YUV	189.6260, -6.2246, -10.1960
Hunter-Lab	72.8200, -13.4763, 10.7688

Details

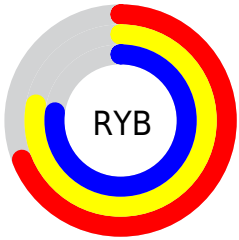
The RYB color 177, 198, 197 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 197, 177, 198, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 233, 255, 254, and 124, 144, 143 is the 20% darker color. If you saturate the color by 10%, you get 157, 198, 196, and if you desaturate by 10%, it is 197, 198, 198.

Distribution

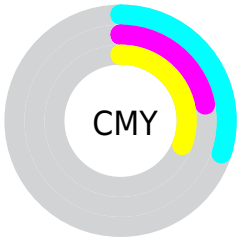


- Red (70%)
- Green (78%)
- Blue (69%)



- Red (69%)
- Yellow (78%)
- Blue (77%)

- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 198, 197 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 177, 198, 197 by changing the saturation by 10% instead.

177, 198, 197

255, 255, 255

233, 255, 254

177, 198, 197

150, 171, 170

124, 144, 143

100, 119, 119

76, 94, 94

53, 70, 70

32, 48, 48

8, 27, 25

0, 0, 0

177, 198, 197

177, 198, 197

157, 198, 196

137, 198, 195

118, 198, 195

98, 198, 193

78, 198, 192

58, 198, 191

38, 198, 190

19, 198, 190

0, 198, 189

197, 198, 198

216, 198, 217

235, 198, 236

253, 198, 255

255, 198, 255

Harmonies

Analogous

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

169, 195, 172

177, 198, 197

166, 186, 200

Triad

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

177, 198, 197

176, 189, 217

220, 184, 183

Complementary

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

177, 198, 197

197, 177, 198

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.

216, 184, 196

177, 198, 197

191, 190, 216

Square

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

177, 198, 197

164, 184, 212

206, 187, 208

216, 194, 173

Rectangle

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

177, 198, 197

162, 182, 200

206, 187, 208

219, 184, 188

Sweetspot

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

177, 198, 197

247, 255, 254

178, 198, 177

122, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

177, 198, 197

222, 255, 254

177, 192, 198

90, 99, 99

0, 163, 155

0, 36, 34

Inverse Universe

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

197, 177, 198

253, 222, 255

198, 177, 189

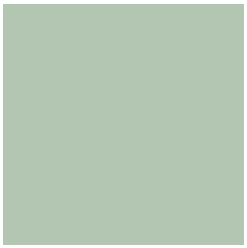
99, 90, 99

155, 0, 163

34, 0, 36

Previews

White Background

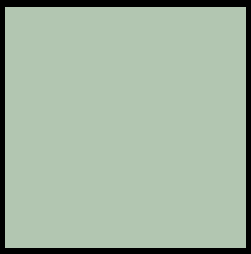


This preview shows how the RYB color 177, 198, 197 looks on a white background.

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



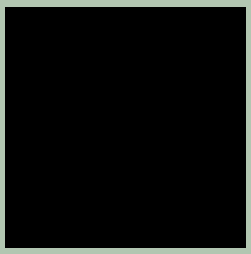
This preview shows how the RYB color 177, 198, 197 looks on a black background.

Color Contrast Check

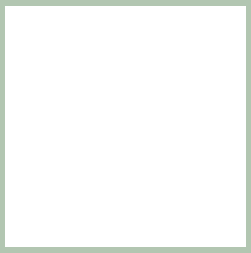
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 177, 198, 197 Background



This preview shows how black text looks on a background with the RYB color 177, 198, 197.



This preview shows how white text looks on a background with the RYB color 177, 198, 197.

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

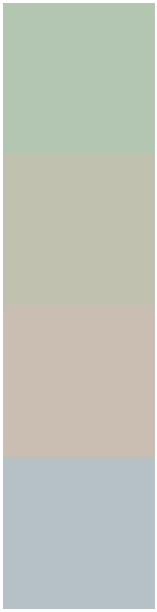
Original Color
177, 198, 197

Protanopia
186, 200, 174

Deuteranopia
216, 187, 180

Tritanopia
183, 190, 209

Trichromacy



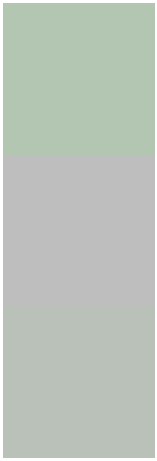
Original Color
177, 198, 197

Protanomaly
175, 194, 177

Deuteranomaly
202, 200, 179

Tritanomaly
181, 188, 197

Monochromacy



Original Color
177, 198, 197

Achromatopsia
190, 190, 190

Achromatomaly
185, 193, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 198, 197 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(178, 198, 177) looks like.

```
.text, #text, p{
    color:rgb(178, 198, 177)
}
```

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(178, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 198, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 198, 197 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(178, 198, 177) }
```

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

```
.border{ border-color:rgb(178, 198, 177) }
```

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

Here you see how a box with a 4 pixel rgb(178, 198, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 198, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 198, 177); box-shadow:4px 4px 4px 4px rgb(178, 198, 177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 198, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(178, 198, 177) }
```

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

```
.background{ background-color:rgb(178,
198, 177) }
```

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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