Converting Colors

RYB(177, 196, 184)

Have a look what the booklet for RYB(177, 196, 184) contains.

Color

RYB(177, 196, 184)

Conversions

Format	Color
Hex	BDC4B1
RGB	189, 196, 177
RGB Percent	74%, 77%, 69%
CMY	0.2588, 0.2314, 0.3059
CMYK	0.04, 0.00, 0.10, 0.23
HSL	82°, 14%, 73%
HSV	82°, 10%, 77%
XYZ	48.6620, 53.4730, 49.3515
YIQ	191.7410, 1.9270, -7.3930

Conversions Part 1

Conversions

Conversions Part 2

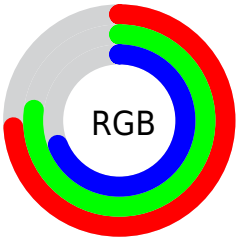
Format	Color
RYB	177, 196, 184
Decimal	12436657
CIELab	78.15, -5.84, 8.70
CIELCh	78, 10.481, 123.860
Yxy	53.4730, 0.3212, 0.3530
Android (android.graphics.Color)	4290626737 (0xFFBDC4B1)
YUV	191.7410, -7.2673, -2.4039
Hunter-Lab	73.1252, -9.1843, 11.1734

Details

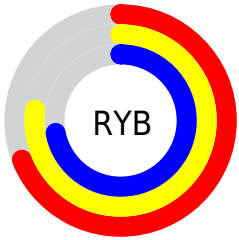
The RYB color 177, 196, 184 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 184, 177, 196, and the grayscale version is 192, 192, 192.

A 20% lighter version of the original color is 233, 253, 241, and 124, 142, 130 is the 20% darker color. If you saturate the color by 10%, you get 157, 196, 171, and if you desaturate by 10%, it is 196, 196, 197.

Distribution

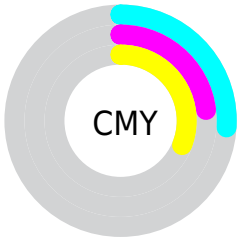


- Red (74%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (72%)

- Cyan (4%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 177, 196, 184 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, 196, 184 by changing the saturation by 10% instead.

177, 196, 184

255, 255, 255

233, 253, 241

177, 196, 184

150, 169, 157

124, 142, 130

100, 117, 107

76, 92, 82

53, 69, 59

32, 46, 37

8, 26, 13

0, 0, 0

177, 196, 184

177, 196, 184

157, 196, 171	196, 196, 197
138, 196, 159	203, 196, 216
118, 196, 147	211, 196, 236
99, 196, 135	218, 196, 255
79, 196, 122	225, 196, 255
59, 196, 109	232, 196, 255
40, 196, 98	240, 196, 255
20, 196, 85	247, 196, 255
1, 196, 73	254, 196, 255

Harmonies

Analogous

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

184, 200, 174

177, 196, 184

178, 193, 198

Triad

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

177, 196, 184

174, 188, 210

214, 187, 192

Complementary

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

177, 196, 184

184, 177, 196

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.

207, 188, 202

177, 196, 184

185, 192, 212

Square

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

177, 196, 184

169, 185, 204

197, 190, 209

214, 188, 183

Rectangle

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

177, 196, 184

173, 188, 199

197, 190, 209

212, 187, 196

Sweetspot

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

177, 196, 184

247, 255, 250

196, 188, 177

122, 128, 124

0, 0, 0

128, 128, 128

Same Dimension

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

177, 196, 184

224, 255, 235

177, 196, 193

87, 97, 91

0, 161, 60

0, 33, 12

Inverse Universe

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

184, 177, 196

236, 224, 255

193, 177, 196

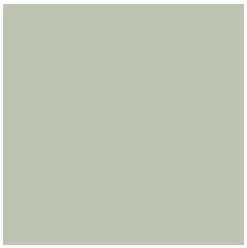
91, 87, 97

59, 0, 161

12, 0, 33

Previews

White Background

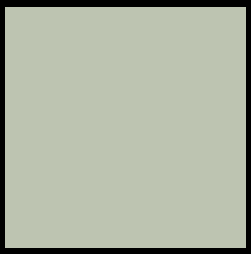


This preview shows how the RYB color 177, 196, 184 looks on a white background.

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



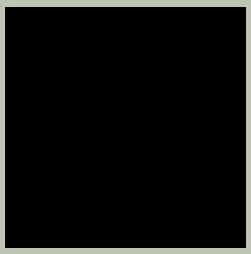
This preview shows how the RYB color 177, 196, 184 looks on a black background.

Color Contrast Check

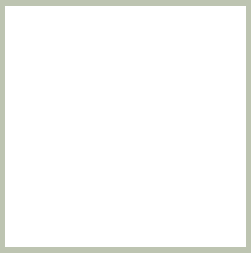
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 177, 196, 184 Background



This preview shows how black text looks on a background with the RYB color 177, 196, 184.



This preview shows how white text looks on a background with the RYB color 177, 196, 184.

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

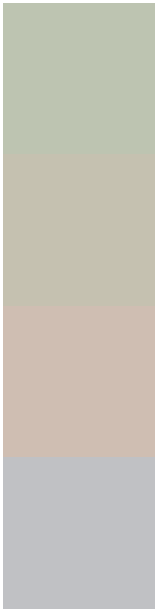
Original Color
177, 196, 184

Protanopia
189, 201, 175

Deuteranopia
217, 188, 179

Tritanopia
193, 192, 207

Trichromacy



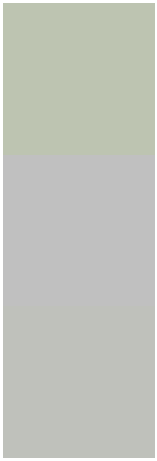
Original Color
177, 196, 184

Protanomaly
181, 197, 176

Deuteranomaly
207, 198, 178

Tritanomaly
192, 193, 196

Monochromacy



Original Color
177, 196, 184

Achromatopsia
192, 192, 192

Achromatomaly
187, 193, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 177, 196, 184 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(189, 196, 177) looks like.

```
.text, #text, p{
    color:rgb(189, 196, 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(189, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 196, 177) }
```

Border

The CSS property to change the border of an element to RYB 177, 196, 184 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(189, 196, 177) }
```

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

```
.border{ border-color:rgb(189, 196, 177) }
```

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

Here you see how a box with a 4 pixel rgb(189, 196, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 196, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 196, 177); box-shadow:4px 4px 4px 4px rgb(189, 196, 177) }
```

Background

The CSS property to change the background color of an element to RYB 177, 196, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(189, 196, 177) }
```

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

```
.background{ background-color:rgb(189,
196, 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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