Converting Colors

RYB(180, 217, 161)

Have a look what the booklet for RYB(180, 217, 161) contains.

Color

RYB(180, 217, 161)

Conversions

Conversions Part 1

Format	Color
Hex	D9CBA1
RGB	217, 203, 161
RGB Percent	85%, 80%, 63%
CMY	0.1490, 0.2047, 0.3686
CMYK	0.00, 0.07, 0.26, 0.15
HSL	45°, 42%, 74%
HSV	45°, 26%, 85%
XYZ	56.3602, 59.9487, 42.3190
YIQ	202.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

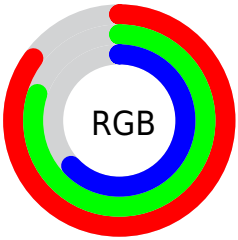
Format	Color
RYB	180, 217, 161
Decimal	14273441
CIELab	81.81, -1.53, 22.68
CIELCh	82, 22.734, 93.866
Yxy	59.9487, 0.3553, 0.3779
Android (android.graphics.Color)	4292463521 (0xFFD9CBA1)
YUV	202.3980, -20.4092, 12.8060
Hunter-Lab	77.4265, -5.5631, 21.7925

Details

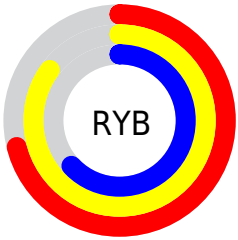
The RYB color 180, 217, 161 is a light color, and the websafe version is hex CCCC99. A complement of this color would be 161, 172, 217, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 216, 255, 216, and 126, 162, 109 is the 20% darker color. If you saturate the color by 10%, you get 166, 217, 139, and if you desaturate by 10%, it is 195, 217, 183.

Distribution

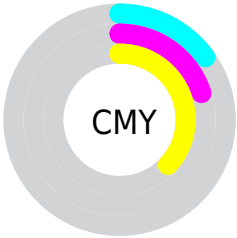


- Red (85%)
- Green (80%)
- Blue (63%)



- Red (71%)
- Yellow (85%)
- Blue (63%)

- Cyan (0%)
- Magenta (7%)
- Yellow (26%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 217, 161 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 180, 217, 161 by changing the saturation by 10% instead.

180, 217, 161

255, 255, 255

216, 255, 216

244, 255, 244

180, 217, 161

154, 189, 135

126, 162, 109

101, 135, 85

75, 109, 61

50, 84, 39

27, 60, 17

9, 38, 0

0, 7, 1

0, 0, 0

180, 217, 161

166, 217, 139

151, 217, 118

138, 217, 96

122, 217, 74

108, 217, 52

94, 217, 31

80, 217, 9

74, 217, 0

180, 217, 161

195, 217, 183

208, 217, 204

217, 219, 226

217, 223, 248

217, 227, 255

217, 230, 255

217, 232, 255

217, 234, 255

217, 235, 255

Harmonies

Analogous

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

236, 219, 166

180, 217, 161

168, 209, 184

Triad

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

180, 217, 161

145, 183, 226

234, 191, 223

Complementary

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

180, 217, 161

161, 172, 217

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.

211, 197, 239

180, 217, 161

157, 190, 241

Square

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

180, 217, 161

151, 187, 216

182, 198, 245

246, 188, 201

Rectangle

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

180, 217, 161

177, 212, 213

182, 198, 245

227, 193, 229

Sweetspot

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

180, 217, 161

242, 255, 235

217, 161, 176

121, 128, 115

0, 0, 0

128, 128, 128

Same Dimension

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

180, 217, 161

203, 255, 176

161, 217, 174

103, 110, 99

59, 173, 0

16, 46, 0

Inverse Universe

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

161, 172, 217

176, 192, 255

174, 161, 217

99, 101, 110

0, 35, 173

0, 10, 46

Previews

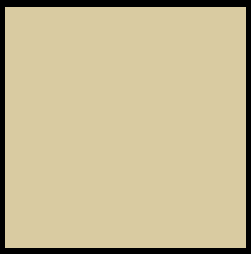
White Background

This preview shows how the RYB color 180, 217, 161 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



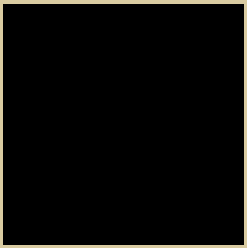
This preview shows how the RYB color 180, 217, 161 looks on a black background.

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 180, 217, 161 Background



This preview shows how black text looks on a background with the RYB color 180, 217, 161.

This preview shows how white text looks on a background with the RYB color 180, 217, 161.

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
180, 217, 161

Protanopia
178, 216, 161

Deuteranopia
237, 219, 163

Tritanopia
223, 196, 211

Trichromacy

Original Color
180, 217, 161

Protanomaly
178, 216, 161

Deuteranomaly
222, 230, 162

Tritanomaly
221, 199, 193

Monochromacy

Original Color
180, 217, 161

Achromatopsia
202, 202, 202

Achromatomaly
194, 207, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 217, 161 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(217, 203, 161) looks like.

```
.text, #text, p{
    color:rgb(217, 203, 161)
}
```

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(217, 203, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 203, 161) }
```

Border

The CSS property to change the border of an element to RYB 180, 217, 161 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(217, 203, 161) }
```

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

```
.border{ border-color:rgb(217, 203, 161) }
```

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

Here you see how a box with a 4 pixel rgb(217, 203, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 203, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 203, 161); box-shadow:4px 4px 4px 4px rgb(217, 203, 161) }
```

Background

The CSS property to change the background color of an element to RYB 180, 217, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(217, 203, 161) }
```

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

```
.background{ background-color:rgb(217,
203, 161) }
```

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