Converting Colors

RYB(217, 178, 176)

Have a look what the booklet for RYB(217, 178, 176) contains.

Color

RYB(217, 178, 176)

Conversions

Format	Color
	Conversions Part 1
Hex	D9B2B0
RGB	217, 178, 176
RGB Percent	85%, 70%, 69%
CMY	0.1490, 0.3023, 0.3098
CMYK	0.00, 0.18, 0.19, 0.15
HSL	3°, 35%, 77%
HSV	3°, 19%, 85%
XYZ	52.3536, 49.6901, 47.9061
YIQ	189.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

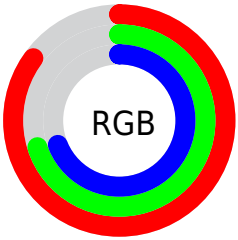
Format	Color
RYB	217, 178, 176
Decimal	14267056
CIELab	75.88, 13.84, 6.30
CIELCh	76, 15.200, 24.469
Yxy	49.6901, 0.3491, 0.3314
Android (android.graphics.Color)	4292457136 (0xFFD9B2B0)
YUV	189.4330, -6.6225, 24.1763
Hunter-Lab	70.4912, 9.2119, 9.0501

Details

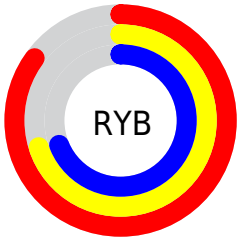
The RYB color 217, 178, 176 is a light color, and the websafe version is hex CC9999. A complement of this color would be 176, 196, 217, and the grayscale version is 189, 189, 189.

A 20% lighter version of the original color is 255, 234, 232, and 162, 125, 124 is the 20% darker color. If you saturate the color by 10%, you get 217, 157, 154, and if you desaturate by 10%, it is 217, 199, 198.

Distribution

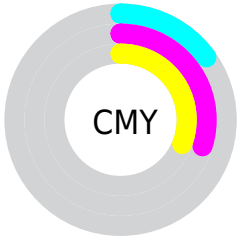


- Red (85%)
- Green (70%)
- Blue (69%)



- Red (85%)
- Yellow (70%)
- Blue (69%)

- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 178, 176 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 217, 178, 176 by changing the saturation by 10% instead.

217, 178, 176	217, 178, 176
255, 255, 255	189, 151, 149
255, 234, 232	162, 125, 124
	135, 100, 99
	109, 76, 75
	84, 53, 52
	60, 32, 31
	38, 10, 7
	0, 0, 0

217, 178, 176	217, 178, 176

217, 157, 154

217, 137, 133

217, 116, 111

217, 95, 89

217, 74, 67

217, 54, 46

217, 33, 24

217, 12, 2

217, 10, 0

217, 199, 198

217, 218, 219

217, 229, 241

217, 236, 255

Harmonies

Analogous

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

214, 178, 190

217, 178, 176

212, 189, 165

Triad

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

217, 178, 176

170, 193, 193

169, 183, 215

Complementary

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

217, 178, 176

176, 196, 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.

155, 177, 209

217, 178, 176

157, 179, 195

Square

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

217, 178, 176

161, 190, 165

151, 174, 198

187, 184, 212

Rectangle

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

217, 178, 176

199, 205, 160

151, 174, 198

163, 181, 214

Sweetspot

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

217, 178, 176

255, 240, 240

217, 176, 216

128, 119, 119

0, 0, 0

128, 128, 128

Same Dimension

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

217, 178, 176

255, 199, 196

211, 217, 176

110, 99, 99

173, 8, 0

46, 2, 0

Inverse Universe

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

176, 196, 217

196, 225, 255

176, 189, 217

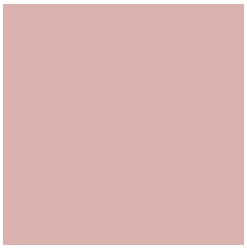
99, 104, 110

0, 84, 173

0, 22, 46

Previews

White Background

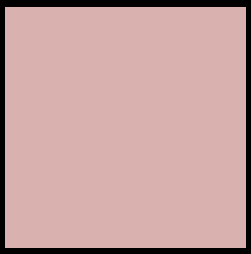


This preview shows how the RYB color 217, 178, 176 looks on a white background.

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



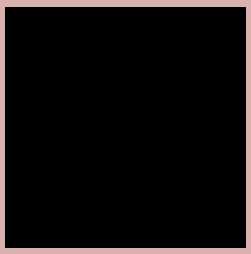
This preview shows how the RYB color 217, 178, 176 looks on a black background.

Color Contrast Check

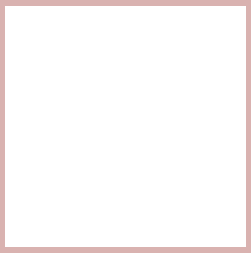
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

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

RYB 217, 178, 176 Background



This preview shows how black text looks on a background with the RYB color 217, 178, 176.



This preview shows how white text looks on a background with the RYB color 217, 178, 176.

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

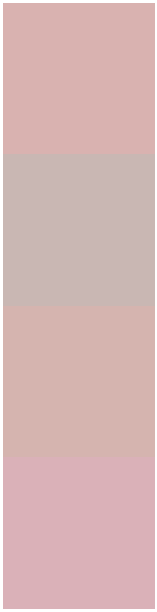
Original Color
217, 178, 176

Protanopia
192, 190, 181

Deuteranopia
210, 182, 175

Tritanopia
219, 176, 189

Trichromacy



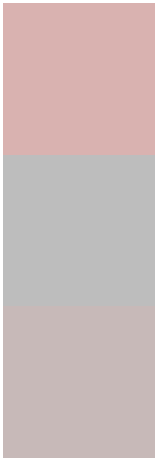
Original Color
217, 178, 176

Protanomaly
201, 184, 179

Deuteranomaly
213, 181, 175

Tritanomaly
218, 177, 184

Monochromacy



Original Color
217, 178, 176

Achromatopsia
189, 189, 189

Achromatomaly
199, 185, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 178, 176 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, 178, 176) looks like.

```
.text, #text, p{
    color:rgb(217, 178, 176)
}
```

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, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 178, 176) }
```

Border

The CSS property to change the border of an element to RYB 217, 178, 176 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, 178, 176) }
```

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

```
.border{ border-color:rgb(217, 178, 176) }
```

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

Here you see how a box with a 4 pixel rgb(217, 178, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 178, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 178, 176); box-shadow:4px 4px 4px 4px rgb(217, 178, 176) }
```

Background

The CSS property to change the background color of an element to RYB 217, 178, 176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(217, 178, 176) }
```

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

```
.background{ background-color:rgb(217,
178, 176) }
```

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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