

Converting Colors

`RYB(217, 217, 175)`

Have a look what the booklet for
RYB(217, 217, 175) contains.

RYB(217, 217, 175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(217, 217, 175)

Conversions

Conversions Part 1

Format	Color
Hex	D9C4AF
RGB	217, 196, 175
RGB Percent	85%, 77%, 69%
CMY	0.1490, 0.2314, 0.3137
CMYK	0.00, 0.10, 0.19, 0.15
HSL	30°, 36%, 77%
HSV	30°, 19%, 85%
XYZ	56.0931, 57.3267, 48.6662
YIQ	199.8850, 19.2570, -2.0790

Conversions

Conversions Part 2

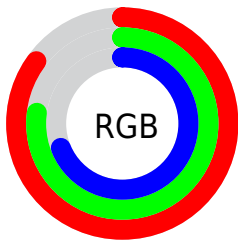
Format	Color
R _Y B	217, 217, 175
Decimal	14271663
CIE Lab	80.36, 4.04, 13.23
CIE LCh	80, 13.831, 73.013
Yxy	57.3267, 0.3461, 0.3537
Android (android.graphics.Color)	4292461743 (0xFFD9C4AF)
YUV	199.8850, -12.2683, 15.0099
Hunter-Lab	75.7144, -0.2584, 14.8909

Details

The RYB color **217, 217, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 189, 217**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **233, 255, 231**, and **162, 160, 123** is the 20% darker color. If you saturate the color by 10%, you get **217, 217, 153**, and if you desaturate by 10%, it is **217, 217, 197**.

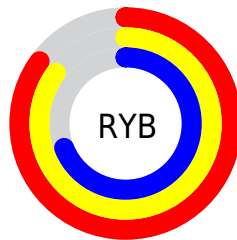
Distribution



Red (85%)

Green (77%)

Blue (69%)



Red (85%)

Yellow (85%)

Blue (69%)

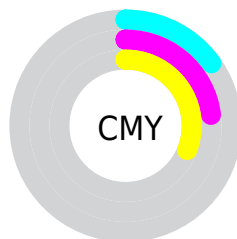


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 217, 175 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, 217, 175 by changing the saturation by 10% instead.


 217, 217, 175


255, 255, 255

 233, 255, 231

 217, 217, 175

 187, 189, 148

 162, 160, 123

 133, 135, 98

 110, 110, 74

 81, 85, 51

 59, 61, 30

 27, 39, 6

 12, 0, 0

 0, 0, 0

 217, 217, 175

 217, 217, 175

 217, 217, 153


 217, 217, 197

 217, 215, 132

 217, 218, 218

 217, 215, 110

 217, 225, 240

 215, 217, 88

 217, 231, 255

 217, 217, 67


 217, 235, 255

 217, 217, 45

 217, 236, 255

 217, 217, 23

 217, 217, 1

 215, 217, 0

Harmonies

Analogous

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



225, 195, 182



217, 217, 175



179, 204, 174

Triad

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



217, 217, 175



168, 188, 207



209, 194, 218

Complementary

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



217, 217, 175



175, 189, 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.



193, 198, 224



217, 217, 175



168, 189, 216

Square

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



217, 217, 175



176, 196, 206



177, 194, 224



221, 191, 207

Rectangle

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



217, 217, 175



178, 203, 187



177, 194, 224



204, 196, 221

Sweetspot

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



217, 217, 175



255, 253, 240



217, 175, 196



128, 126, 119



0, 0, 0



128, 128, 128

Same Dimension

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



217, 217, 175



253, 255, 196



175, 217, 175



110, 108, 99



171, 173, 0



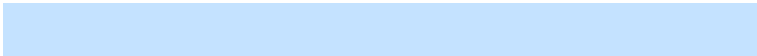
46, 46, 0

Inverse Universe

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



175, 189, 217



196, 216, 255



175, 175, 217



99, 102, 110



0, 58, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 217, 217, 175 looks on a white background.

Color Contrast Check

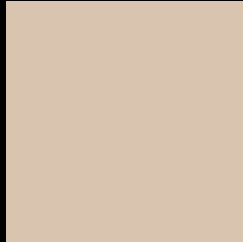
Large Text (above 18pt) WCAG AA × Fail

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, 217, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

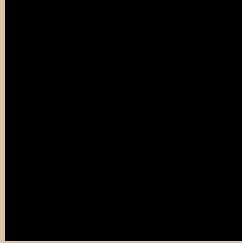
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

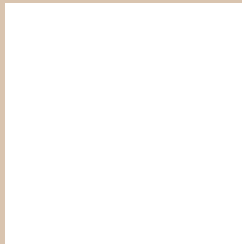
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 217, 217, 175 Background



This preview shows how black text looks on a background with the RYB color 217, 217, 175.



This preview shows how white text looks on a background with the RYB color 217, 217, 175.

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, 217, 175

Protanopia
189, 208, 176

Deuteranopia
227, 199, 176



Tritanopia
221, 191, 206

Trichromacy



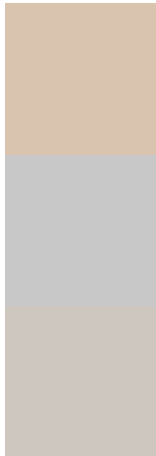
Original Color
217, 217, 175

Protanomaly
197, 211, 176

Deuteranomaly
223, 203, 176

Tritanomaly
220, 193, 195

Monochromacy



Original Color
217, 217, 175

Achromatopsia
200, 200, 200

Achromatomaly
204, 206, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 217, 175 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, 196, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 196, 175)  
}
```

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, 196, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 196, 175) }
```

Border

The CSS property to change the border of an element to RYB 217, 217, 175 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, 196, 175) }
```

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

```
.border{ border-color:rgb(217, 196, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 196, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 196, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 196, 175); box-shadow:4px 4px 4px 4px rgb(217, 196, 175) }
```

Background

The CSS property to change the background color of an element to RGB 217, 196, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 196, 175) }
```

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

```
.background{ background-color: rgb(217,  
196, 175) }
```

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