

Converting Colors

`RYB(213, 217, 179)`

Have a look what the booklet for
RYB(213, 217, 179) contains.

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Color

R_YB(213, 217, 179)

Conversions

Conversions Part 1

Format	Color
Hex	D9C7B3
RGB	217, 199, 179
RGB Percent	85%, 78%, 70%
CMY	0.1490, 0.2194, 0.2980
CMYK	0.00, 0.08, 0.18, 0.15
HSL	32°, 33%, 78%
HSV	32°, 18%, 85%
XYZ	57.1882, 58.8788, 50.9984
YIQ	202.1020, 17.1480, -2.4040

Conversions

Conversions Part 2

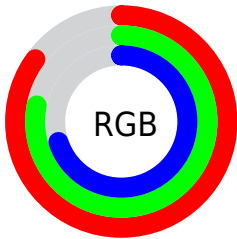
Format	Color
R _Y B	213, 217, 179
Decimal	14272435
CIE Lab	81.22, 3.04, 12.31
CIE LCh	81, 12.678, 76.139
Yxy	58.8788, 0.3423, 0.3524
Android (android.graphics.Color)	4292462515 (0xFFD9C7B3)
YUV	202.1020, -11.3893, 13.0655
Hunter-Lab	76.7325, -1.2472, 14.3071

Details

The RYB color **213, 217, 179** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **179, 191, 217**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **235, 255, 235**, and **158, 162, 126** is the 20% darker color. If you saturate the color by 10%, you get **210, 217, 157**, and if you desaturate by 10%, it is **217, 217, 201**.

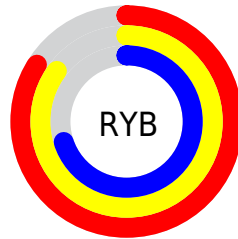
Distribution



Red (85%)

Green (78%)

Blue (70%)



Red (84%)

Yellow (85%)

Blue (70%)

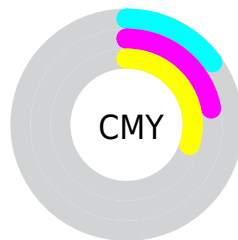


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 213, 217, 179 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 213, 217, 179 by changing the saturation by 10% instead.

 213, 217, 179

255, 255, 255


 235, 255, 235

 213, 217, 179

 183, 189, 152

 158, 162, 126

 128, 135, 101

 105, 110, 77

 80, 85, 54

 54, 61, 33

 29, 39, 11

 14, 2, 0

 0, 0, 0

■ 213, 217, 179

■ 213, 217, 179

■ 210, 217, 157

■ 217, 217, 201

■ 208, 217, 136

■ 217, 219, 222

■ 207, 217, 114

■ 217, 226, 244

■ 204, 217, 92

■ 217, 231, 255

■ 200, 217, 70

■ 217, 235, 255

■ 198, 217, 49

■ 217, 236, 255

■ 198, 217, 27

■ 194, 217, 5

■ 192, 217, 0

Harmonies

Analogous

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



225, 200, 185



213, 217, 179



181, 205, 179

Triad

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



213, 217, 179



172, 191, 209



212, 197, 218

Complementary

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



213, 217, 179



179, 191, 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.



197, 200, 224



213, 217, 179



174, 193, 218

Square

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



213, 217, 179



179, 197, 208



183, 197, 224



223, 194, 208

Rectangle

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



213, 217, 179



182, 205, 192



183, 197, 224



207, 198, 221

Sweetspot

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



213, 217, 179



253, 255, 242



217, 179, 197



128, 128, 120



0, 0, 0



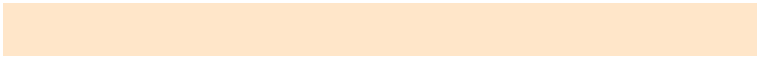
128, 128, 128

Same Dimension

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



213, 217, 179



248, 255, 201



179, 217, 180



110, 108, 99



152, 173, 0



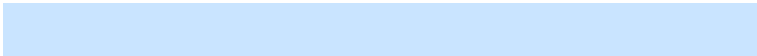
42, 46, 0

Inverse Universe

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



179, 191, 217



201, 219, 255



180, 179, 217



99, 102, 110



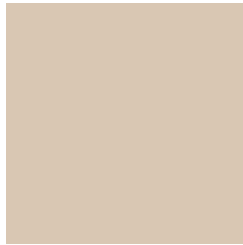
0, 56, 173



0, 15, 46

Previews

White Background



This preview shows how the RYB color 213, 217, 179 looks on a white background.

Color Contrast Check

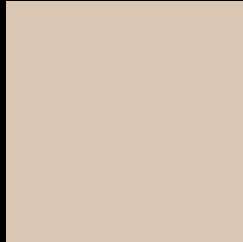
Large Text (above 18pt) WCAG AA × Fail

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 213, 217, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

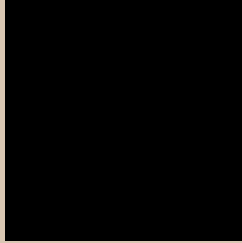
Any Text WCAG AA ✓ Pass

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 213, 217, 179 Background



This preview shows how black text looks on a background with the RYB color 213, 217, 179.



This preview shows how white text looks on a background with the RYB color 213, 217, 179.

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
213, 217, 179

Protanopia
193, 210, 180

Deuteranopia
229, 200, 180



Tritanopia
221, 195, 210

Trichromacy



Original Color

213, 217, 179

Protanomaly

201, 213, 180

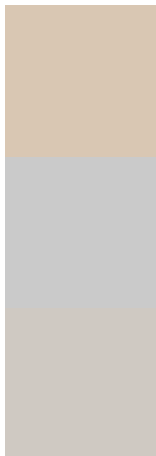
Deuteranomaly

225, 205, 180

Tritanomaly

220, 196, 199

Monochromacy



Original Color

213, 217, 179

Achromatopsia

202, 202, 202

Achromatomaly

205, 207, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 217, 179 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, 199, 179)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 179)  
}
```

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, 199, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 179) }
```

Border

The CSS property to change the border of an element to RYB 213, 217, 179 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, 199, 179) }
```

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

```
.border{ border-color:rgb(217, 199, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 179);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 213, 217, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 179) }
```

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

```
.background{ background-color: rgb(217,  
199, 179) }
```

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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