

Converting Colors

`RYB(175, 213, 178)`

Have a look what the booklet for
RYB(175, 213, 178) contains.

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Color

R_YB(175, 213, 178)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5AF
RGB	210, 213, 175
RGB Percent	82%, 84%, 69%
CMY	0.1765, 0.1647, 0.3137
CMYK	0.01, 0.00, 0.18, 0.16
HSL	65°, 31%, 76%
HSV	65°, 18%, 84%
XYZ	58.1105, 64.3853, 49.9223
YIQ	207.7710, 10.4100, -12.4540

Conversions

Conversions Part 2

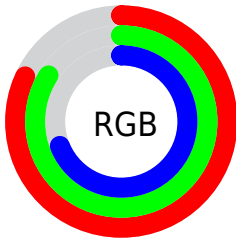
Format	Color
RYB	175, 213, 178
Decimal	13817263
CIELab	84.17, -7.38, 18.48
CIELCh	84, 19.900, 111.776
Yxy	64.3853, 0.3370, 0.3734
Android (android.graphics.Color)	4292007343 (0xFFD2D5AF)
YUV	207.7710, -16.1561, 1.9548
Hunter-Lab	80.2404, -11.1503, 19.2805

Details

The RYB color **175, 213, 178** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **178, 175, 213**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **231, 255, 231**, and **122, 158, 125** is the 20% darker color. If you saturate the color by 10%, you get **154, 213, 159**, and if you desaturate by 10%, it is **196, 213, 197**.

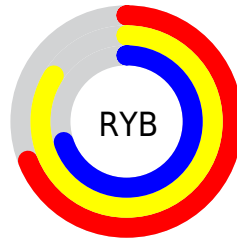
Distribution



Red (82%)

Green (84%)

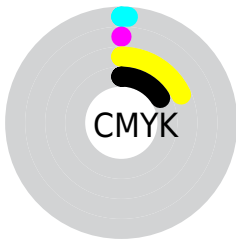
Blue (69%)



Red (69%)

Yellow (84%)

Blue (70%)

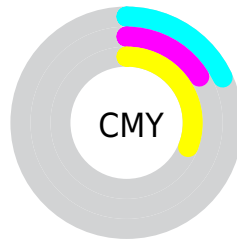


Cyan (1%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 213, 178 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 175, 213, 178 by changing the saturation by 10% instead.

 175, 213, 178


255, 255, 255

 231, 255, 231


 175, 213, 178

 148, 185, 151

 122, 158, 125


 97, 132, 100

 73, 107, 76

 51, 83, 55

 29, 60, 33

 5, 38, 9

 0, 18, 14

 0, 0, 0

 175, 213, 178

 175, 213, 178

 154, 213, 159

 196, 213, 197

 132, 213, 138

 213, 213, 218

 111, 213, 119

 215, 213, 239

 90, 213, 100

 217, 213, 255

 69, 213, 80

 218, 213, 255

 47, 213, 60

 220, 213, 255

 26, 213, 41

 222, 213, 255

 5, 213, 21

 223, 213, 255

 0, 213, 17

 225, 213, 255

Harmonies

Analogous

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



212, 230, 173



175, 213, 178



186, 218, 216

Triad

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



175, 213, 178



165, 196, 239



245, 197, 216

Complementary

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



175, 213, 178



178, 175, 213

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.



229, 201, 233



175, 213, 178



183, 203, 247

Square

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



175, 213, 178



160, 191, 223



207, 207, 245



250, 197, 197

Rectangle

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



175, 213, 178



175, 205, 220



207, 207, 245



241, 198, 222

Sweetspot

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



175, 213, 178



242, 255, 243



213, 178, 175



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



175, 213, 178



201, 255, 205



175, 213, 197



96, 107, 97



0, 171, 14



0, 43, 3

Inverse Universe

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



178, 175, 213



206, 201, 255



197, 175, 213



97, 96, 107



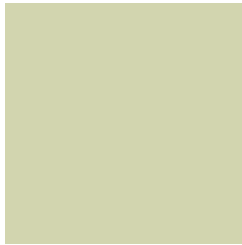
13, 0, 171



3, 0, 43

Previews

White Background



This preview shows how the RYB color 175, 213, 178 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 175, 213, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

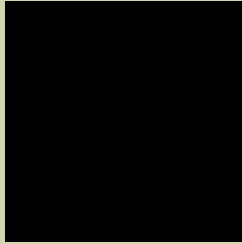
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

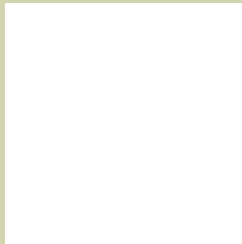
Any Text WCAG AAA ✓ Pass

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

RYB 175, 213, 178 Background



This preview shows how black text looks on a background with the RYB color 175, 213, 178.

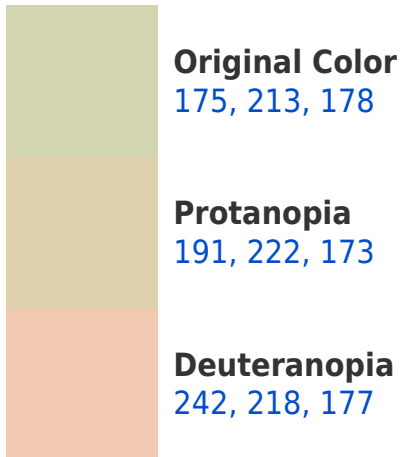


This preview shows how white text looks on a background with the RYB color 175, 213, 178.

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](#).

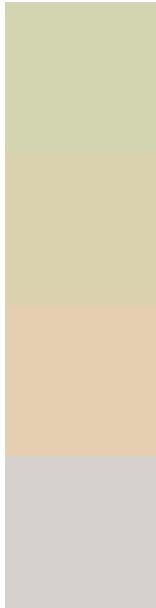
Dichromacy





Tritanopia
217, 206, 223

Trichromacy



Original Color
175, 213, 178

Protanomaly
184, 218, 174

Deuteranomaly
219, 230, 176

Tritanomaly
214, 211, 206

Monochromacy



Original Color
175, 213, 178

Achromatopsia
208, 208, 208

Achromatomaly
196, 210, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 213, 178 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(210, 213, 175)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 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(210, 213, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 175) }
```

Border

The CSS property to change the border of an element to RYB 175, 213, 178 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(210, 213, 175) }
```

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

```
.border{ border-color:rgb(210, 213, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 175);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 175, 213, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 175) }
```

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

```
.background{ background-color: rgb(210,  
213, 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](#).

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