

Converting Colors

`RYB(200, 213, 188)`

Have a look what the booklet for
RYB(200, 213, 188) contains.

RYB(200, 213, 188)	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(200, 213, 188)

Conversions

Conversions Part 1

Format	Color
Hex	D5CDBC
RGB	213, 205, 188
RGB Percent	84%, 80%, 74%
CMY	0.1647, 0.1965, 0.2627
CMYK	0.00, 0.04, 0.12, 0.16
HSL	41°, 23%, 79%
HSV	41°, 12%, 84%
XYZ	58.3231, 61.3879, 56.3520
YIQ	205.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

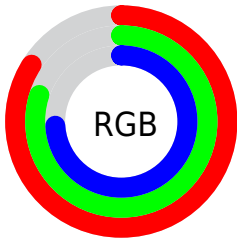
Format	Color
R _Y B	200, 213, 188
Decimal	14011836
CIE Lab	82.59, -0.06, 9.40
CIE LCh	83, 9.402, 90.358
Yxy	61.3879, 0.3313, 0.3487
Android (android.graphics.Color)	4292201916 (0xFFD5CDBC)
YUV	205.4540, -8.6048, 6.6178
Hunter-Lab	78.3504, -4.2400, 12.2021

Details

The RYB color **200, 213, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **188, 194, 213**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **244, 255, 244**, and **145, 158, 135** is the 20% darker color. If you saturate the color by 10%, you get **189, 213, 167**, and if you desaturate by 10%, it is **210, 213, 209**.

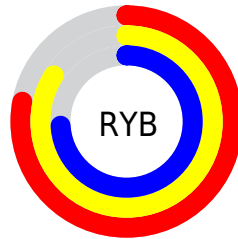
Distribution



Red (84%)

Green (80%)

Blue (74%)



Red (78%)

Yellow (84%)

Blue (74%)

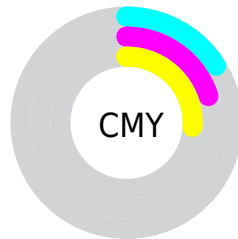


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (16%)



Cyan (16%)

Magenta (20%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 213, 188 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 200, 213, 188 by changing the saturation by 10% instead.

■ 200, 213, 188

255, 255, 255

■ 244, 255, 244

■ 200, 213, 188

■ 173, 185, 161

■ 145, 158, 135

■ 119, 132, 109

■ 95, 107, 85

■ 71, 82, 62

■ 49, 59, 40

■ 27, 37, 20

■ 8, 14, 0

■ 0, 0, 0

■ 200, 213, 188

■ 200, 213, 188

■ 189, 213, 167

■ 210, 213, 209

■ 178, 213, 145

■ 213, 218, 231

■ 167, 213, 124

■ 213, 223, 252

■ 157, 213, 103

■ 213, 227, 255

■ 146, 213, 82

■ 213, 229, 255

■ 134, 213, 60

■ 213, 231, 255

■ 122, 213, 39

■ 213, 233, 255

■ 111, 213, 18

■ 213, 234, 255

■ 102, 213, 0

Harmonies

Analogous

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



221, 210, 190



200, 213, 188



190, 208, 195

Triad

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



200, 213, 188



184, 198, 214



217, 201, 214

Complementary

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



200, 213, 188



188, 194, 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.



208, 203, 221



200, 213, 188



188, 201, 221

Square

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



200, 213, 188



186, 200, 211



197, 204, 223



224, 200, 206

Rectangle

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



200, 213, 188



194, 209, 207



197, 204, 223



214, 202, 217

Sweetspot

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



200, 213, 188



249, 255, 245



213, 188, 196



126, 128, 121



0, 0, 0



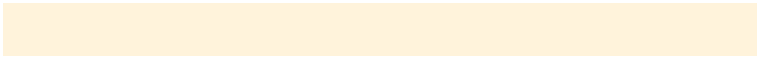
128, 128, 128

Same Dimension

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



200, 213, 188



237, 255, 219



188, 213, 192



100, 107, 96



83, 171, 0



21, 43, 0

Inverse Universe

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



188, 194, 213



219, 228, 255



192, 188, 213



96, 99, 107



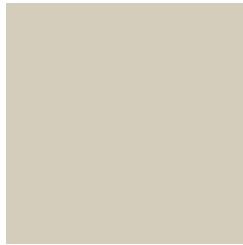
0, 42, 171



0, 11, 43

Previews

White Background



This preview shows how the RYB color 200, 213, 188 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 200, 213, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

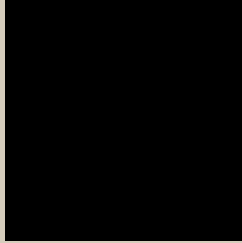
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

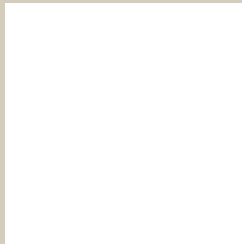
Any Text WCAG AAA ✓ Pass

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

RYB 200, 213, 188 Background



This preview shows how black text looks on a background with the RYB color 200, 213, 188.

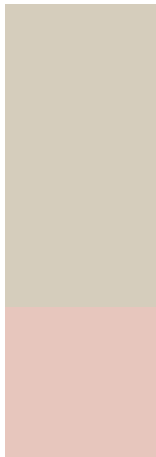


This preview shows how white text looks on a background with the RYB color 200, 213, 188.

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
200, 213, 188

Protanopia
200, 213, 188

Deuteranopia
231, 200, 189



Tritanopia
217, 201, 216

Trichromacy



Original Color

200, 213, 188

Protanomaly

200, 213, 188

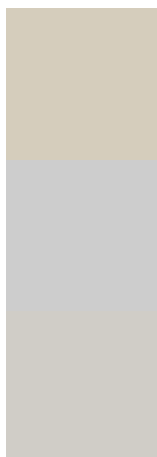
Deuteranomaly

224, 207, 189

Tritanomaly

216, 202, 206

Monochromacy



Original Color

200, 213, 188

Achromatopsia

205, 205, 205

Achromatomaly

204, 208, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 213, 188 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(213, 205, 188) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 188)  
}
```

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(213, 205, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 188) }
```

Border

The CSS property to change the border of an element to RYB 200, 213, 188 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(213, 205, 188) }
```

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

```
.border{ border-color:rgb(213, 205, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 188);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 200, 213, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 188) }
```

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

```
.background{ background-color: rgb(213,  
205, 188) }
```

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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