

Converting Colors

`RYB(209, 205, 181)`

Have a look what the booklet for RYB(209, 205, 181) contains.

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Color

R_YB(209, 205, 181)

Conversions

Conversions Part 1

Format	Color
Hex	D1C2B5
RGB	209, 194, 181
RGB Percent	82%, 76%, 71%
CMY	0.1804, 0.2395, 0.2902
CMYK	0.00, 0.07, 0.13, 0.18
HSL	28°, 23%, 76%
HSV	28°, 13%, 82%
XYZ	53.9097, 55.4408, 51.5759
YIQ	197.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

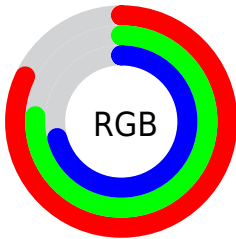
Format	Color
R _Y B	209, 205, 181
Decimal	13746869
CIE Lab	79.29, 3.13, 8.40
CIE LCh	79, 8.962, 69.541
Yxy	55.4408, 0.3350, 0.3445
Android (android.graphics.Color)	4291936949 (0xFFD1C2B5)
YUV	197.0030, -7.8895, 10.5214
Hunter-Lab	74.4586, -1.0647, 11.0521

Details

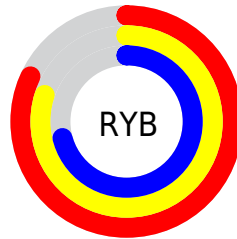
The RYB color **209, 205, 181** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181, 191, 209**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **244, 255, 237**, and **154, 150, 128** is the 20% darker color. If you saturate the color by 10%, you get **209, 203, 160**, and if you desaturate by 10%, it is **209, 207, 202**.

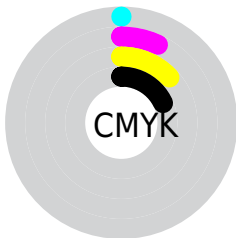
Distribution



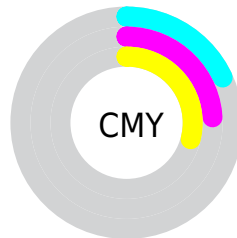
- Red (82%)
- Green (76%)
- Blue (71%)



- Red (82%)
- Yellow (80%)
- Blue (71%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the RYB color 209, 205, 181 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 209, 205, 181 by changing the saturation by 10% instead.

 209, 205, 181


 209, 205, 181

255, 255, 255

 181, 179, 154

 244, 255, 237

 154, 150, 128

 128, 126, 103

 103, 99, 79

 79, 77, 56

 56, 54, 35

 32, 34, 13

 0, 0, 0

 209, 205, 181

 209, 205, 181

 209, 203, 160

 209, 207, 202

 209, 198, 139

 209, 214, 223

 209, 196, 118

 209, 221, 244

 209, 194, 97

 209, 227, 255

 209, 190, 77

 209, 231, 255

 209, 185, 56

 209, 232, 255

 209, 183, 35

 209, 181, 14

 209, 178, 0

Harmonies

Analogous

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



214, 194, 186



209, 205, 181



185, 201, 180

Triad

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



209, 205, 181



177, 190, 202



201, 193, 209

Complementary

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



209, 205, 181



181, 191, 209

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.



191, 195, 213



209, 205, 181



177, 190, 207

Square

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



209, 205, 181



182, 195, 201



182, 193, 212



210, 191, 202

Rectangle

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



209, 205, 181



182, 198, 186



182, 193, 212



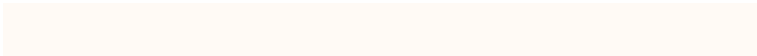
198, 194, 211

Sweetspot

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



209, 205, 181



255, 255, 245



209, 181, 196



128, 126, 121



0, 0, 0



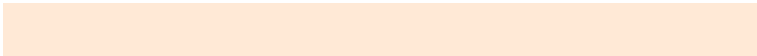
128, 128, 128

Same Dimension

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



209, 205, 181



255, 249, 214



182, 209, 181



105, 103, 94



168, 146, 0



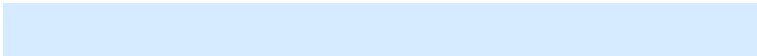
41, 35, 0

Inverse Universe

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



181, 191, 209



214, 228, 255



181, 182, 209



94, 98, 105



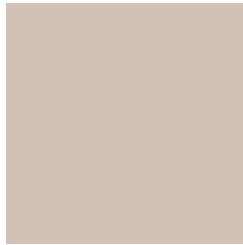
0, 59, 168



0, 14, 41

Previews

White Background



This preview shows how the RYB color 209, 205, 181 looks on a white background.

Color Contrast Check

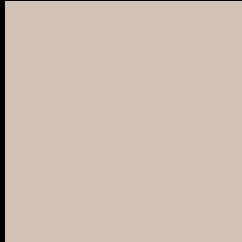
Large Text (above 18pt) WCAG AA × Fail

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 209, 205, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

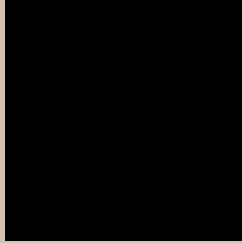
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

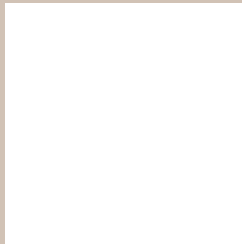
Any Text WCAG AAA ✓ Pass

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

R/Y/B 209, 205, 181 Background



This preview shows how black text looks on a background with the R/Y/B color 209, 205, 181.

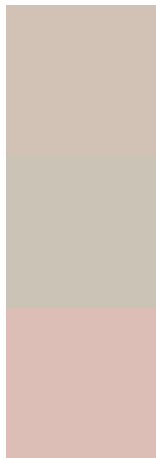


This preview shows how white text looks on a background with the R/Y/B color 209, 205, 181.

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
209, 205, 181

Protanopia
193, 203, 182

Deuteranopia
221, 192, 182



Tritanopia
212, 190, 205

Trichromacy



Original Color

209, 205, 181

Protanomaly

200, 205, 182

Deuteranomaly

217, 194, 182

Tritanomaly

211, 191, 196

Monochromacy



Original Color

209, 205, 181

Achromatopsia

197, 197, 197

Achromatomaly

201, 201, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 205, 181 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(209, 194, 181) looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 181)  
}
```

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(209, 194, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 181) }
```

Border

The CSS property to change the border of an element to RYB 209, 205, 181 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(209, 194, 181) }
```

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

```
.border{ border-color:rgb(209, 194, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 194, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 209, 194, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 181) }
```

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

```
.background{ background-color: rgb(209,  
194, 181) }
```

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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