

Converting Colors

`RYB(210, 212, 177)`

Have a look what the booklet for
RYB(210, 212, 177) contains.

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Color

R_YB(210, 212, 177)

Conversions

Conversions Part 1

Format	Color
Hex	D4C3B1
RGB	212, 195, 177
RGB Percent	83%, 76%, 69%
CMY	0.1686, 0.2352, 0.3059
CMYK	0.00, 0.08, 0.17, 0.17
HSL	31°, 29%, 76%
HSV	31°, 17%, 83%
XYZ	54.6056, 56.2082, 49.5662
YIQ	198.0310, 15.9100, -1.9940

Conversions

Conversions Part 2

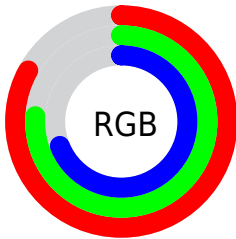
Format	Color
RYB	210, 212, 177
Decimal	13943729
CIELab	79.73, 3.02, 11.20
CIELCh	80, 11.602, 74.915
Yxy	56.2082, 0.3405, 0.3505
Android (android.graphics.Color)	4292133809 (0xFFD4C3B1)
YUV	198.0310, -10.3683, 12.2508
Hunter-Lab	74.9721, -1.1915, 13.2822

Details

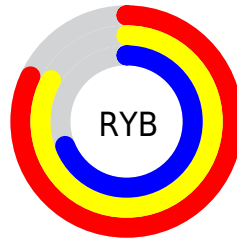
The RYB color **210, 212, 177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **177, 188, 212**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **236, 255, 233**, and **155, 157, 124** is the 20% darker color. If you saturate the color by 10%, you get **208, 212, 156**, and if you desaturate by 10%, it is **212, 212, 198**.

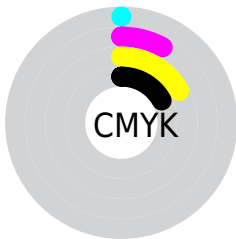
Distribution



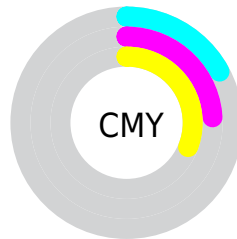
- Red (83%)
- Green (76%)
- Blue (69%)



- Red (82%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (17%)



- Cyan (17%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 212, 177 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 210, 212, 177 by changing the saturation by 10% instead.

 210, 212, 177

255, 255, 255


 236, 255, 233

 210, 212, 177

 180, 184, 150

 155, 157, 124

 127, 131, 99

 103, 105, 76

 77, 81, 53

 54, 58, 32

 26, 36, 8

 5, 0, 0

 0, 0, 0

 210, 212, 177

 210, 212, 177

 208, 212, 156


 212, 212, 198

 210, 212, 135


 212, 215, 219

 206, 212, 113


 212, 221, 241

 204, 212, 92


 212, 227, 255

 202, 212, 71

 212, 231, 255

 204, 212, 50

 212, 234, 255

 202, 212, 29

 198, 212, 7

 200, 212, 0

Harmonies

Analogous

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



219, 195, 183



210, 212, 177



179, 201, 177

Triad

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



210, 212, 177



171, 188, 204



206, 193, 213

Complementary

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



210, 212, 177



177, 188, 212

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, 196, 218



210, 212, 177



172, 189, 212

Square

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



210, 212, 177



177, 194, 204



180, 193, 218



216, 191, 204

Rectangle

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



210, 212, 177



180, 201, 189



180, 193, 218



202, 194, 215

Sweetspot

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



210, 212, 177



253, 255, 242



212, 177, 195



128, 128, 120



0, 0, 0



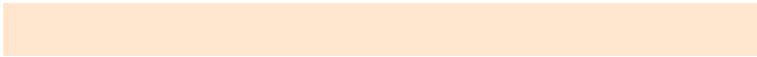
128, 128, 128

Same Dimension

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



210, 212, 177



253, 255, 204



177, 212, 177



105, 107, 96



161, 171, 0



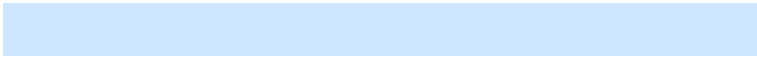
41, 43, 0

Inverse Universe

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



177, 188, 212



204, 221, 255



177, 177, 212



96, 100, 107



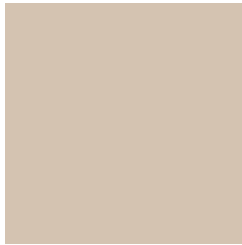
0, 56, 171



0, 14, 43

Previews

White Background



This preview shows how the RYB color 210, 212, 177 looks on a white background.

Color Contrast Check

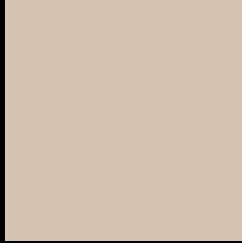
Large Text (above 18pt) WCAG AA × Fail

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 210, 212, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

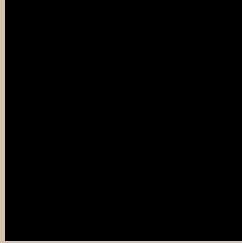
Any Text WCAG AA ✓ Pass

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 210, 212, 177 Background



This preview shows how black text looks on a background with the RYB color 210, 212, 177.



This preview shows how white text looks on a background with the RYB color 210, 212, 177.

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
210, 212, 177

Protanopia
191, 206, 178

Deuteranopia
224, 196, 178



Tritanopia
216, 191, 206

Trichromacy



Original Color

210, 212, 177

Protanomaly

198, 208, 178

Deuteranomaly

220, 199, 178

Tritanomaly

215, 192, 195

Monochromacy



Original Color

210, 212, 177

Achromatopsia

198, 198, 198

Achromatomaly

201, 203, 190

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 212, 177 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(212, 195, 177) looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 177)  
}
```

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(212, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 177) }
```

Border

The CSS property to change the border of an element to RYB 210, 212, 177 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(212, 195, 177) }
```

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

```
.border{ border-color:rgb(212, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 177);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 212, 195, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 177) }
```

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

```
.background{ background-color: rgb(212,  
195, 177) }
```

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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