

Converting Colors

`RYB(212, 225, 210)`

Have a look what the booklet for
RYB(212, 225, 210) contains.

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Color

R_YB(212, 225, 210)

Conversions

Conversions Part 1

Format	Color
Hex	E1DFD2
RGB	225, 223, 210
RGB Percent	88%, 87%, 82%
CMY	0.1176, 0.1246, 0.1765
CMYK	0.00, 0.01, 0.07, 0.12
HSL	53°, 20%, 85%
HSV	53°, 7%, 88%
XYZ	69.1348, 73.5619, 71.5278
YIQ	222.1160, 5.3650, -3.6190

Conversions

Conversions Part 2

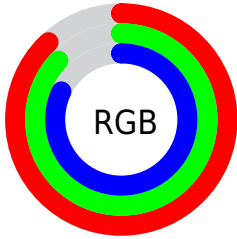
Format	Color
RYB	212, 225, 210
Decimal	14802898
CIELab	88.72, -1.69, 6.68
CIELCh	89, 6.893, 104.213
Yxy	73.5619, 0.3227, 0.3434
Android (android.graphics.Color)	4292992978 (0xFFE1DFD2)
YUV	222.1160, -5.9732, 2.5293
Hunter-Lab	85.7682, -6.2117, 10.5919

Details

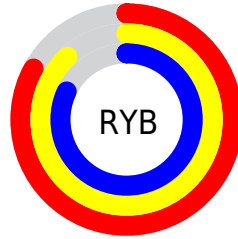
The RYB color **212, 225, 210** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210, 212, 225**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **158, 170, 156** is the 20% darker color. If you saturate the color by 10%, you get **191, 225, 187**, and if you desaturate by 10%, it is **225, 226, 232**.

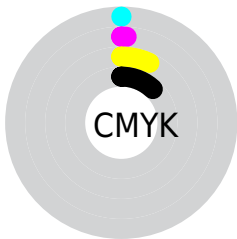
Distribution



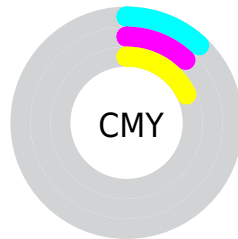
- Red (88%)
- Green (87%)
- Blue (82%)



- Red (83%)
- Yellow (88%)
- Blue (82%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (12%)



- Cyan (12%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 225, 210 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 212, 225, 210 by changing the saturation by 10% instead.

■ 212, 225, 210

255, 255, 255

■ 212, 225, 210

■ 184, 197, 182

■ 158, 170, 156

■ 131, 143, 130

■ 106, 118, 104

■ 81, 93, 80

■ 58, 69, 57


■ 37, 47, 36

■ 16, 26, 15

■ 0, 0, 0

 212, 225, 210

 212, 225, 210

 191, 225, 187

 225, 226, 232

 173, 225, 165


 225, 229, 255

 153, 225, 142

 225, 230, 255

 134, 225, 120

 225, 232, 255

 114, 225, 97

 225, 233, 255

 95, 225, 75

 225, 235, 255

 75, 225, 52

 225, 236, 255

 56, 225, 30

 225, 237, 255

 37, 225, 7

 225, 238, 255

Harmonies

Analogous

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



232, 232, 210



212, 225, 210



213, 225, 221

Triad

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



212, 225, 210



208, 218, 232



234, 219, 226

Complementary

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



212, 225, 210



210, 212, 225

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.



228, 220, 232



212, 225, 210



212, 220, 235

Square

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



212, 225, 210



207, 217, 227



220, 222, 235



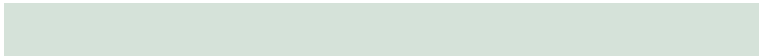
237, 218, 220

Rectangle

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



212, 225, 210



213, 223, 226



220, 222, 235



232, 219, 229

Sweetspot

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



212, 225, 210



251, 255, 250



225, 210, 212



127, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



212, 225, 210



237, 255, 235



210, 225, 216



102, 112, 101



24, 176, 0



6, 48, 0

Inverse Universe

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



210, 212, 225



235, 237, 255



215, 210, 225



101, 102, 112



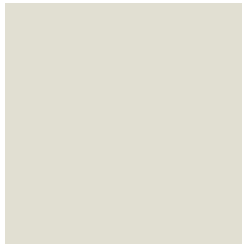
0, 19, 176



0, 5, 48

Previews

White Background



This preview shows how the RYB color 212, 225, 210 looks on a white background.

Color Contrast Check

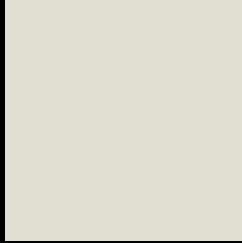
Large Text (above 18pt) WCAG AA × Fail

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 212, 225, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

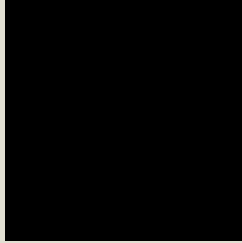
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

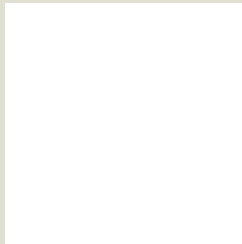
Any Text WCAG AAA ✓ Pass

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

RYB 212, 225, 210 Background



This preview shows how black text looks on a background with the RYB color 212, 225, 210.



This preview shows how white text looks on a background with the RYB color 212, 225, 210.

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
229, 219, 237

Trichromacy



Original Color

212, 225, 210

Protanomaly

218, 228, 209

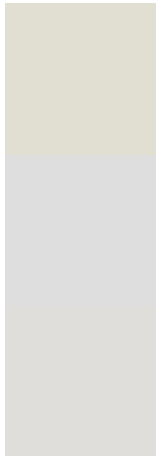
Deuteranomaly

240, 220, 211

Tritanomaly

228, 221, 227

Monochromacy



Original Color

212, 225, 210

Achromatopsia

222, 222, 222

Achromatomaly

219, 223, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 225, 210 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(225, 223, 210) looks like.

```
.text, #text, p{  
    color:rgb(225, 223, 210)  
}
```

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(225, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 223, 210) }
```

Border

The CSS property to change the border of an element to RYB 212, 225, 210 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(225, 223, 210) }
```

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

```
.border{ border-color:rgb(225, 223, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 223, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 223,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 225, 223, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 223, 210) }
```

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

```
.background{ background-color: rgb(225,  
223, 210) }
```

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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