

Converting Colors

`RYB(212, 224, 215)`

Have a look what the booklet for
RYB(212, 224, 215) contains.

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Color

R_YB(212, 224, 215)

Conversions

Conversions Part 1

Format	Color
Hex	DDE0D4
RGB	221, 224, 212
RGB Percent	87%, 88%, 83%
CMY	0.1333, 0.1216, 0.1686
CMYK	0.01, 0.00, 0.05, 0.12
HSL	75°, 16%, 85%
HSV	75°, 5%, 88%
XYZ	68.3581, 73.4369, 72.8592
YIQ	221.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

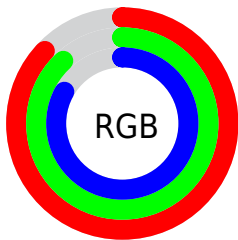
Format	Color
R _Y B	212, 224, 215
Decimal	14541012
CIE Lab	88.66, -3.13, 5.51
CIE LCh	89, 6.334, 119.585
Yxy	73.4369, 0.3185, 0.3421
Android (android.graphics.Color)	4292731092 (0xFFDDE0D4)
YUV	221.7350, -4.7994, -0.6446
Hunter-Lab	85.6953, -7.5796, 9.5777

Details

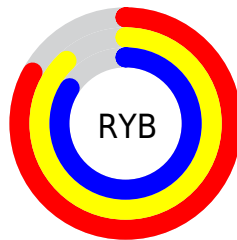
The RYB color **212, 224, 215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 212, 224**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 169, 160** is the 20% darker color. If you saturate the color by 10%, you get **190, 224, 199**, and if you desaturate by 10%, it is **227, 224, 234**.

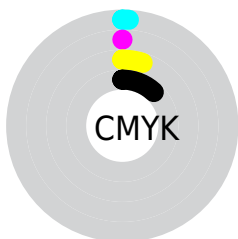
Distribution



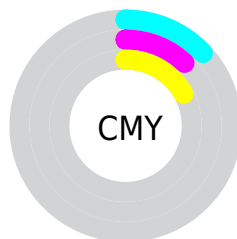
- Red (87%)
- Green (88%)
- Blue (83%)



- Red (83%)
- Yellow (88%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (13%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 224, 215 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, 224, 215 by changing the saturation by 10% instead.

■ 212, 224, 215

255, 255, 255

■ 212, 224, 215

■ 184, 196, 187

■ 157, 169, 160

■ 131, 142, 133

■ 106, 117, 109

■ 82, 92, 84

■ 59, 69, 62

■ 37, 47, 40

■ 17, 26, 19

■ 0, 0, 0

 212, 224, 215

 212, 224, 215

 190, 224, 199

 227, 224, 234

 167, 224, 181

 232, 224, 255

 145, 224, 165

 238, 224, 255

 122, 224, 147

 243, 224, 255

 100, 224, 131

 249, 224, 255

 78, 224, 115

 255, 224, 255

 55, 224, 97

 33, 224, 81

 10, 224, 63

Harmonies

Analogous

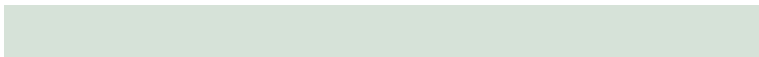
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



220, 228, 211



212, 224, 215



214, 224, 226

Triad

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



212, 224, 215



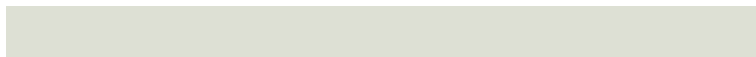
211, 220, 233



235, 219, 223

Complementary

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



212, 224, 215



215, 212, 224

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.



231, 219, 229



212, 224, 215



216, 221, 234

Square

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



212, 224, 215



208, 217, 228



224, 221, 233



236, 219, 217

Rectangle

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



212, 224, 215



211, 220, 226



224, 221, 233



234, 219, 225

Sweetspot

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



212, 224, 215



250, 255, 251



224, 216, 212



125, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



212, 224, 215



240, 255, 244



212, 224, 221



104, 112, 106



0, 176, 44



0, 48, 12

Inverse Universe

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



215, 212, 224



244, 240, 255



221, 212, 224



106, 104, 112



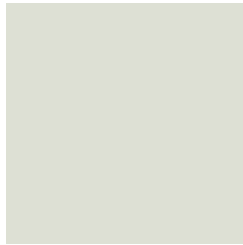
44, 0, 176



12, 0, 48

Previews

White Background



This preview shows how the RYB color 212, 224, 215 looks on a white background.

Color Contrast Check

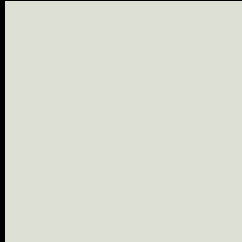
Large Text (above 18pt) WCAG AA × Fail

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, 224, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

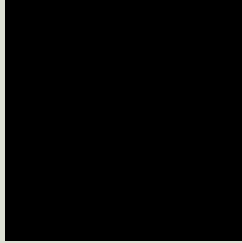
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

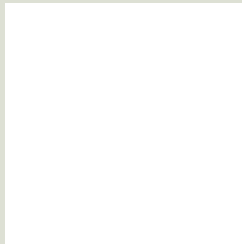
Any Text WCAG AAA ✓ Pass

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

RYB 212, 224, 215 Background



This preview shows how black text looks on a background with the RYB color 212, 224, 215.

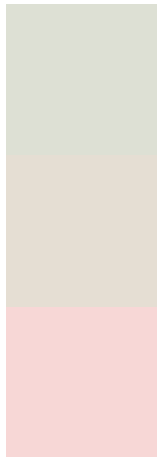


This preview shows how white text looks on a background with the RYB color 212, 224, 215.

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
[212, 224, 215](#)

Protanopia
[222, 229, 211](#)

Deuteranopia
[247, 215, 214](#)



Tritanopia
225, 220, 238

Trichromacy



Original Color

212, 224, 215

Protanomaly

215, 226, 211

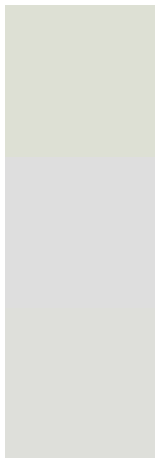
Deuteranomaly

238, 219, 213

Tritanomaly

224, 221, 229

Monochromacy



Original Color

212, 224, 215

Achromatopsia

222, 222, 222

Achromatomaly

218, 223, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 224, 215 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(221, 224, 212) looks like.

```
.text, #text, p{  
    color:rgb(221, 224, 212)  
}
```

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(221, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 224, 212) }
```

Border

The CSS property to change the border of an element to RYB 212, 224, 215 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(221, 224, 212) }
```

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

```
.border{ border-color:rgb(221, 224, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 224, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(221, 224,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 212, 224, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 224, 212) }
```

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

```
.background{ background-color: rgb(221,  
224, 212) }
```

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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