

Converting Colors

`RYB(212, 234, 229)`

Have a look what the booklet for
RYB(212, 234, 229) contains.

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Color

R_YB(212, 234, 229)

Conversions

Conversions Part 1

Format	Color
Hex	D9EAD4
RGB	217, 234, 212
RGB Percent	85%, 92%, 83%
CMY	0.1490, 0.0824, 0.1686
CMYK	0.07, 0.00, 0.09, 0.08
HSL	106°, 34%, 87%
HSV	106°, 9%, 92%
XYZ	69.9218, 78.3508, 73.7253
YIQ	226.4090, -3.0700, -10.4460

Conversions

Conversions Part 2

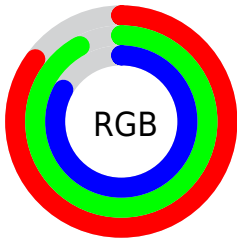
Format	Color
RYB	212, 234, 229
Decimal	14281428
CIELab	90.94, -9.58, 8.76
CIELCh	91, 12.980, 137.581
Yxy	78.3508, 0.3150, 0.3529
Android (android.graphics.Color)	4292471508 (0xFFD9EAD4)
YUV	226.4090, -7.1036, -8.2517
Hunter-Lab	88.5160, -13.8999, 12.5783

Details

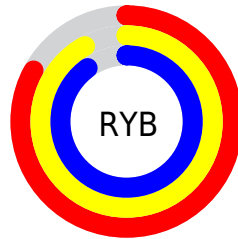
The RYB color **212, 234, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **229, 212, 234**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **255, 255, 255**, and **157, 178, 173** is the 20% darker color. If you saturate the color by 10%, you get **189, 234, 224**, and if you desaturate by 10%, it is **235, 234, 235**.

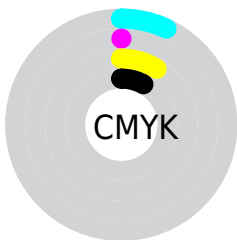
Distribution



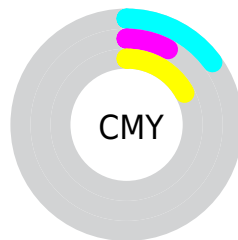
- Red (85%)
- Green (92%)
- Blue (83%)



- Red (83%)
- Yellow (92%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (9%)
- Black (8%)



- Cyan (15%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 212, 234, 229 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, 234, 229 by changing the saturation by 10% instead.

■ 212, 234, 229

255, 255, 255

■ 212, 234, 229

■ 184, 206, 201

■ 157, 178, 173

■ 131, 152, 147

■ 106, 126, 122

■ 82, 101, 97

■ 59, 77, 73

■ 37, 54, 51

■ 17, 33, 30

■ 0, 6, 6

 212, 234, 229

 212, 234, 229

 189, 234, 224

 235, 234, 235

 165, 234, 218

 253, 234, 255

 142, 234, 213

 255, 234, 255

 118, 234, 207

 95, 234, 202

 72, 234, 197

 48, 234, 192

 25, 234, 187

 1, 234, 181

Harmonies

Analogous

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



206, 231, 205



212, 234, 229



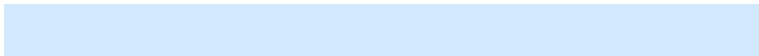
205, 225, 236

Triad

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



212, 234, 229



210, 225, 253



255, 221, 222

Complementary

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



212, 234, 229



229, 212, 234

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.



251, 221, 235



212, 234, 229



225, 228, 253

Square

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



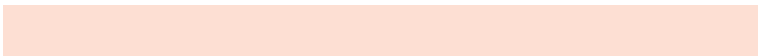
212, 234, 229



200, 220, 247



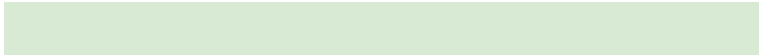
240, 224, 246



253, 228, 211

Rectangle

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



212, 234, 229



200, 220, 237



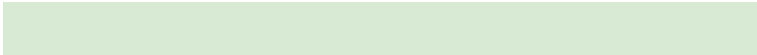
240, 224, 246



255, 221, 226

Sweetspot

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



212, 234, 229



247, 255, 253



218, 234, 212



122, 128, 126



0, 0, 0



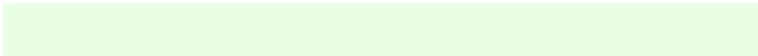
128, 128, 128

Same Dimension

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



212, 234, 229



227, 255, 249



212, 229, 234



106, 117, 115



0, 181, 140



0, 54, 42

Inverse Universe

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



229, 212, 234



249, 227, 255



234, 212, 228



115, 106, 117



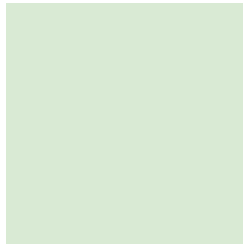
140, 0, 181



41, 0, 54

Previews

White Background



This preview shows how the RYB color 212, 234, 229 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, 234, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

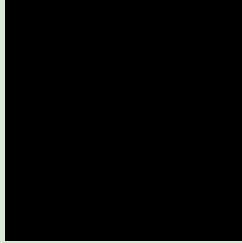
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

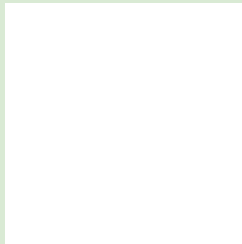
Any Text WCAG AAA ✓ Pass

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

RYB 212, 234, 229 Background



This preview shows how black text looks on a background with the RYB color 212, 234, 229.



This preview shows how white text looks on a background with the RYB color 212, 234, 229.

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](#).

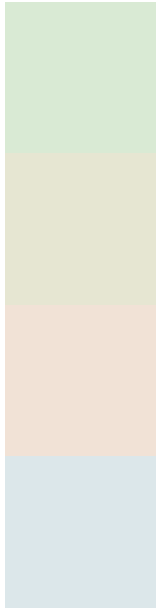
Dichromacy





Tritanopia
222, 227, 247

Trichromacy



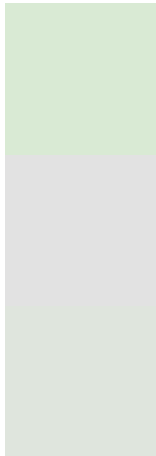
Original Color
212, 234, 229

Protanomaly
210, 230, 210

Deuteranomaly
241, 236, 214

Tritanomaly
220, 226, 234

Monochromacy



Original Color
212, 234, 229

Achromatopsia
226, 226, 226

Achromatomaly
221, 229, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 212, 234, 229 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(217, 234, 212) looks like.

```
.text, #text, p{  
    color:rgb(217, 234, 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(217, 234, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 234, 212) }
```

Border

The CSS property to change the border of an element to RYB 212, 234, 229 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(217, 234, 212) }
```

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

```
.border{ border-color:rgb(217, 234, 212) }
```

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

Here you see how a box with a 4 pixel rgb(217, 234, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 234, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 234, 212);  
box-shadow:4px 4px 4px 4px rgb(217, 234,  
212) }
```

Background

The CSS property to change the background color of an element to RGB 217, 234, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 234, 212) }
```

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

```
.background{ background-color: rgb(217,  
234, 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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