

Converting Colors

`RYB(208, 229, 212)`

Have a look what the booklet for
RYB(208, 229, 212) contains.

RYB(208, 229, 212)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(208, 229, 212)

Conversions

Conversions Part 1

Format	Color
Hex	E1E5D0
RGB	225, 229, 208
RGB Percent	88%, 90%, 82%
CMY	0.1176, 0.1020, 0.1843
CMYK	0.02, 0.00, 0.09, 0.10
HSL	71°, 29%, 86%
HSV	71°, 9%, 90%
XYZ	70.4558, 76.6002, 70.7464
YIQ	225.4100, 4.3570, -7.3790

Conversions

Conversions Part 2

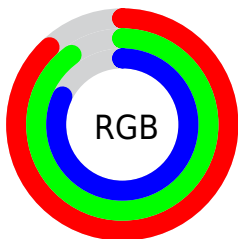
Format	Color
R _Y B	208, 229, 212
Decimal	14804432
CIE Lab	90.14, -4.98, 9.77
CIE LCh	90, 10.965, 116.995
Yxy	76.6002, 0.3235, 0.3517
Android (android.graphics.Color)	4292994512 (0xFFE1E5D0)
YUV	225.4100, -8.5831, -0.3596
Hunter-Lab	87.5216, -9.4683, 13.3391

Details

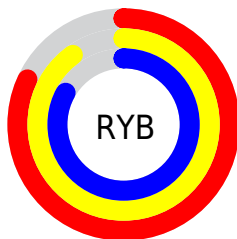
The RYB color **208, 229, 212** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **212, 208, 229**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 174, 158** is the 20% darker color. If you saturate the color by 10%, you get **185, 229, 193**, and if you desaturate by 10%, it is **229, 229, 231**.

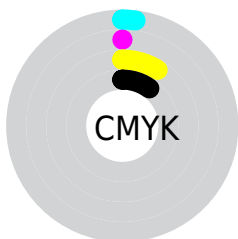
Distribution



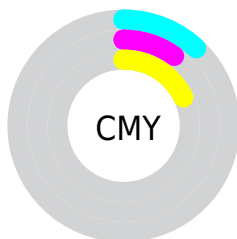
- Red (88%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (12%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 229, 212 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 208, 229, 212 by changing the saturation by 10% instead.

■ 208, 229, 212

255, 255, 255

■ 208, 229, 212

■ 180, 201, 184

■ 154, 174, 158

■ 128, 147, 132

■ 103, 121, 106

■ 79, 97, 83

■ 56, 73, 60

■ 34, 50, 37

■ 13, 29, 16

■ 0, 1, 1

 208, 229, 212

 208, 229, 212

 185, 229, 193

 229, 229, 231

 162, 229, 175

 234, 229, 254

 139, 229, 156

 238, 229, 255

 116, 229, 137

 242, 229, 255

 93, 229, 119

 247, 229, 255

 71, 229, 101

 251, 229, 255

 48, 229, 83

 255, 229, 255

 25, 229, 64

 2, 229, 45

Harmonies

Analogous

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



223, 237, 206



208, 229, 212



213, 230, 232

Triad

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



208, 229, 212



205, 221, 244



248, 220, 228

Complementary

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



208, 229, 212



212, 208, 229

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.



240, 221, 238



208, 229, 212



215, 224, 247

Square

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



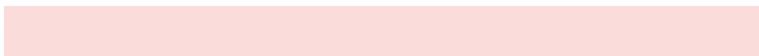
208, 229, 212



201, 218, 236



228, 224, 245



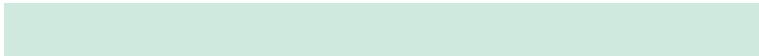
250, 220, 218

Rectangle

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



208, 229, 212



207, 223, 233



228, 224, 245



246, 220, 232

Sweetspot

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



208, 229, 212



247, 255, 248



229, 213, 208



122, 128, 123



0, 0, 0



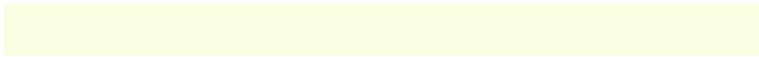
128, 128, 128

Same Dimension

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



208, 229, 212



227, 255, 232



208, 229, 222



103, 115, 105



0, 179, 35



0, 51, 10

Inverse Universe

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



212, 208, 229



232, 227, 255



222, 208, 229



105, 103, 115



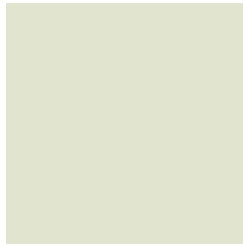
34, 0, 179



10, 0, 51

Previews

White Background



This preview shows how the RYB color 208, 229, 212 looks on a white background.

Color Contrast Check

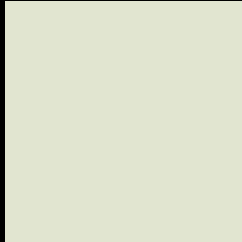
Large Text (above 18pt) WCAG AA × Fail

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 208, 229, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

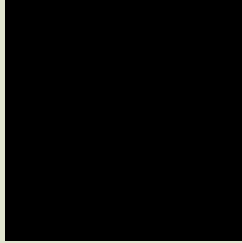
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

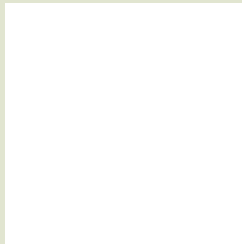
Any Text WCAG AAA ✓ Pass

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

RYB 208, 229, 212 Background



This preview shows how black text looks on a background with the RYB color 208, 229, 212.

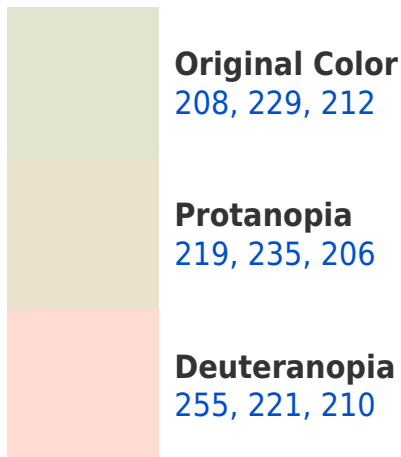


This preview shows how white text looks on a background with the RYB color 208, 229, 212.

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

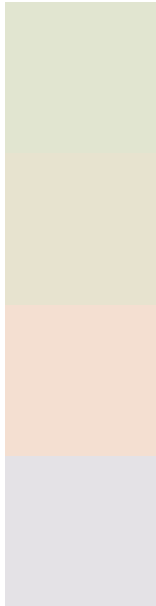




Tritanopia

230, 224, 242

Trichromacy



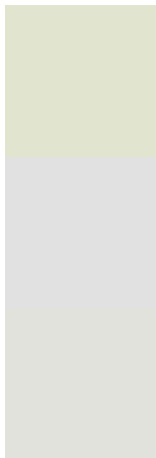
Original Color
208, 229, 212

Protanomaly
212, 231, 207

Deuteranomaly
244, 232, 209

Tritanomaly
228, 226, 230

Monochromacy



Original Color
208, 229, 212

Achromatopsia
225, 225, 225

Achromatomaly
219, 226, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 229, 212 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, 229, 208) looks like.

```
.text, #text, p{  
    color:rgb(225, 229, 208)  
}
```

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, 229, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 229, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 229, 212 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, 229, 208) }
```

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

```
.border{ border-color:rgb(225, 229, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 229, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 229, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 229, 208);  
box-shadow:4px 4px 4px 4px rgb(225, 229,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 208, 229, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 229, 208) }
```

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

```
.background{ background-color: rgb(225,  
229, 208) }
```

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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