

Converting Colors

`RYB(209, 221, 214)`

Have a look what the booklet for
RYB(209, 221, 214) contains.

RYB(209, 221, 214)	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}(209, 221, 214)

Conversions

Conversions Part 1

Format	Color
Hex	D8DDD1
RGB	216, 221, 209
RGB Percent	85%, 87%, 82%
CMY	0.1529, 0.1333, 0.1804
CMYK	0.02, 0.00, 0.05, 0.13
HSL	85°, 15%, 84%
HSV	85°, 5%, 87%
XYZ	65.6840, 70.9153, 70.5477
YIQ	218.1370, 0.8720, -4.7920

Conversions

Conversions Part 2

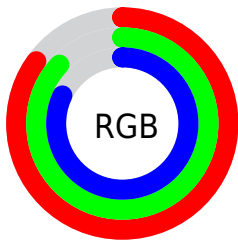
Format	Color
R_YB	209, 221, 214
Decimal	14212561
CIE Lab	87.44, -3.82, 5.29
CIE LCh	87, 6.525, 125.862
Yxy	70.9153, 0.3171, 0.3423
Android (android.graphics.Color)	4292402641 (0xFFD8DDD1)
YUV	218.1370, -4.5045, -1.8741
Hunter-Lab	84.2112, -8.1412, 9.2778

Details

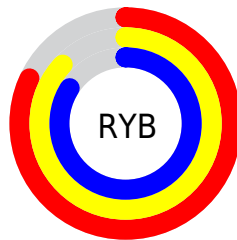
The RYB color **209, 221, 214** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 209, 221**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **255, 255, 255**, and **155, 166, 160** is the 20% darker color. If you saturate the color by 10%, you get **187, 221, 201**, and if you desaturate by 10%, it is **225, 221, 231**.

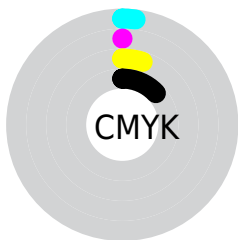
Distribution



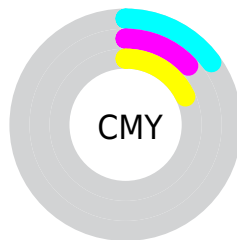
- Red (85%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)



- Cyan (15%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 221, 214 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 209, 221, 214 by changing the saturation by 10% instead.

■ 209, 221, 214

255, 255, 255

■ 209, 221, 214

■ 181, 193, 186

■ 155, 166, 160

■ 129, 140, 134

■ 104, 114, 108

■ 80, 90, 85

■ 57, 66, 61

■ 35, 44, 39

■ 14, 24, 18

■ 0, 0, 0

 209, 221, 214

 209, 221, 214

 187, 221, 201

 225, 221, 231

 165, 221, 188

 234, 221, 253

 143, 221, 176

 244, 221, 255

 121, 221, 163

 253, 221, 255

 98, 221, 149

 255, 221, 255

 76, 221, 136

 54, 221, 123

 32, 221, 111

 10, 221, 98

Harmonies

Analogous

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



212, 223, 207



209, 221, 214



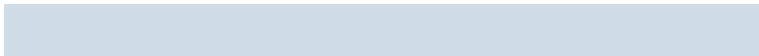
209, 218, 222

Triad

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



209, 221, 214



208, 216, 230



232, 215, 218

Complementary

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



209, 221, 214



214, 209, 221

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.



229, 216, 224



209, 221, 214



214, 218, 231

Square

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



209, 221, 214



204, 214, 226



222, 217, 229



233, 217, 212

Rectangle

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



209, 221, 214



206, 216, 223



222, 217, 229



232, 215, 220

Sweetspot

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



209, 221, 214



250, 255, 252



221, 218, 209



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



209, 221, 214



237, 255, 244



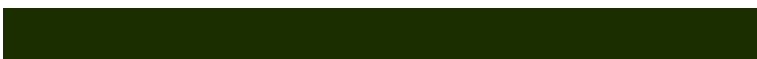
209, 221, 220



101, 110, 105



0, 173, 72



0, 46, 19

Inverse Universe

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



214, 209, 221



245, 237, 255



220, 209, 221



105, 101, 110



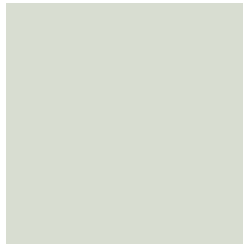
72, 0, 173



19, 0, 46

Previews

White Background



This preview shows how the RYB color 209, 221, 214 looks on a white background.

Color Contrast Check

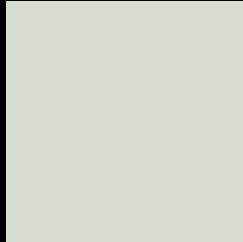
Large Text (above 18pt) WCAG AA × Fail

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 209, 221, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

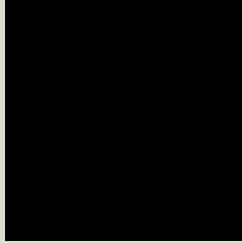
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

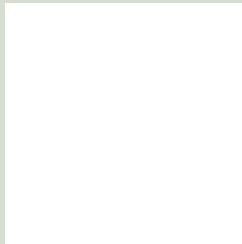
Any Text WCAG AAA ✓ Pass

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

RYB 209, 221, 214 Background



This preview shows how black text looks on a background with the RYB color 209, 221, 214.



This preview shows how white text looks on a background with the RYB color 209, 221, 214.

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

220, 217, 234

Trichromacy



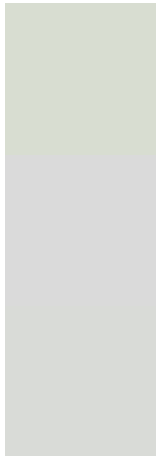
Original Color
209, 221, 214

Protanomaly
212, 222, 208

Deuteranomaly
233, 216, 210

Tritanomaly
219, 218, 225

Monochromacy



Original Color
209, 221, 214

Achromatopsia
218, 218, 218

Achromatomaly
215, 219, 217

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 221, 214 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(216, 221, 209) looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 209)  
}
```

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(216, 221, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 209) }
```

Border

The CSS property to change the border of an element to RYB 209, 221, 214 is called "border". The border property can be set on classes, ids or directly on the HTML element.

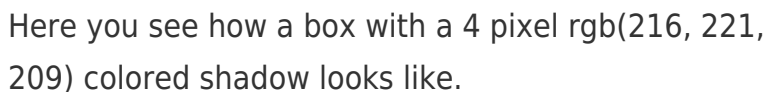
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 221, 209) }
```

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

```
.border{ border-color:rgb(216, 221, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 221, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 221, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 221, 209); box-shadow:4px 4px 4px 4px rgb(216, 221, 209) }
```

Background

The CSS property to change the background color of an element to RGB 209, 221, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 209) }
```

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

```
.background{ background-color: rgb(216,  
221, 209) }
```

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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