

Converting Colors

`RYB(207, 222, 218)`

Have a look what the booklet for
RYB(207, 222, 218) contains.

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Color

R_YB(207, 222, 218)

Conversions

Conversions Part 1

Format	Color
Hex	D3DECF
RGB	211, 222, 207
RGB Percent	83%, 87%, 81%
CMY	0.1725, 0.1294, 0.1882
CMYK	0.05, 0.00, 0.07, 0.13
HSL	104°, 19%, 84%
HSV	104°, 7%, 87%
XYZ	64.2477, 70.5964, 69.2717
YIQ	217.0010, -1.7410, -6.9970

Conversions

Conversions Part 2

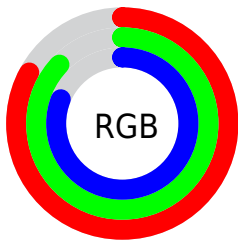
Format	Color
R_{YB}	207, 222, 218
Decimal	13885135
CIE Lab	87.29, -6.40, 6.07
CIE LCh	87, 8.821, 136.511
Yxy	70.5964, 0.3148, 0.3459
Android (android.graphics.Color)	4292075215 (0xFFD3DECF)
YUV	217.0010, -4.9305, -5.2629
Hunter-Lab	84.0217, -10.5467, 9.9335

Details

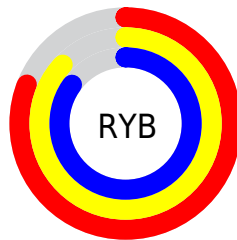
The RYB color **207, 222, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 207, 222**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **153, 167, 164** is the 20% darker color. If you saturate the color by 10%, you get **185, 222, 212**, and if you desaturate by 10%, it is **227, 222, 229**.

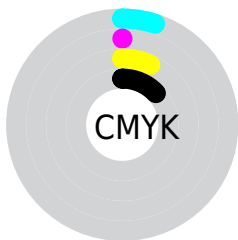
Distribution



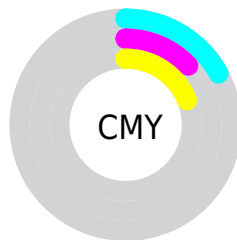
- Red (83%)
- Green (87%)
- Blue (81%)



- Red (81%)
- Yellow (87%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (17%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 222, 218 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 207, 222, 218 by changing the saturation by 10% instead.

■ 207, 222, 218

255, 255, 255

■ 207, 222, 218

■ 179, 194, 190

■ 153, 167, 164

■ 127, 141, 138

■ 102, 115, 112

■ 78, 90, 87

■ 55, 67, 64

■ 34, 45, 43

■ 11, 24, 19

■ 0, 0, 0

 207, 222, 218

 207, 222, 218

 185, 222, 212

 227, 222, 229

 163, 222, 207

 244, 222, 251

 140, 222, 200

 255, 222, 255

 118, 222, 194

 96, 222, 188

 74, 222, 183

 52, 222, 177

 29, 222, 170

 7, 222, 165

Harmonies

Analogous

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



204, 221, 203



207, 222, 218



203, 217, 224

Triad

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



207, 222, 218



206, 216, 235



237, 213, 214

Complementary

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



207, 222, 218



218, 207, 222

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.



234, 213, 223



207, 222, 218



216, 218, 235

Square

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



207, 222, 218



200, 213, 230



226, 215, 230



236, 216, 207

Rectangle

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



207, 222, 218



199, 213, 224



226, 215, 230



237, 213, 217

Sweetspot

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



207, 222, 218



250, 255, 254



212, 222, 207



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



207, 222, 218



235, 255, 250



207, 219, 222



101, 112, 109



0, 176, 129



0, 48, 35

Inverse Universe

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



218, 207, 222



250, 235, 255



222, 207, 219



109, 101, 112



129, 0, 176



36, 0, 48

Previews

White Background



This preview shows how the RYB color 207, 222, 218 looks on a white background.

Color Contrast Check

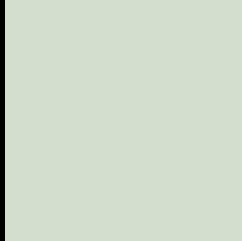
Large Text (above 18pt) WCAG AA × Fail

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 207, 222, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

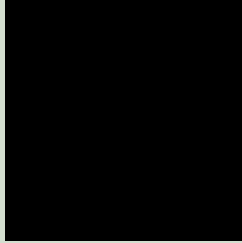
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

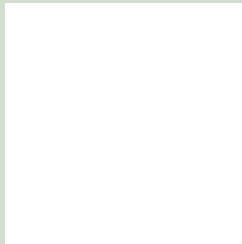
Any Text WCAG AAA ✓ Pass

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

R Y B 207, 222, 218 Background



This preview shows how black text looks on a background with the R Y B color 207, 222, 218.

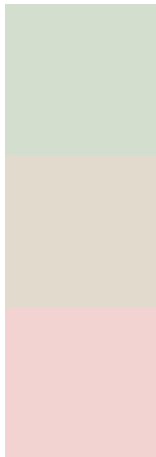


This preview shows how white text looks on a background with the R Y B color 207, 222, 218.

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
207, 222, 218

Protanopia
218, 226, 205

Deuteranopia
243, 211, 209



Tritanopia
215, 218, 235

Trichromacy



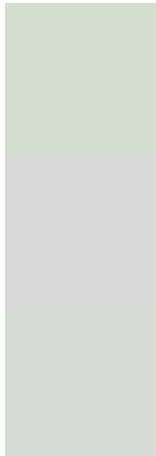
Original Color
207, 222, 218

Protanomaly
208, 221, 206

Deuteranomaly
231, 218, 208

Tritanomaly
214, 217, 225

Monochromacy



Original Color
207, 222, 218

Achromatopsia
217, 217, 217

Achromatomaly
213, 219, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 222, 218 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(211, 222, 207) looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 207)  
}
```

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(211, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 222, 218 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(211, 222, 207) }
```

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

```
.border{ border-color:rgb(211, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 207);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 207, 222, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 207) }
```

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

```
.background{ background-color: rgb(211,  
222, 207) }
```

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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