

Converting Colors

`RYB(201, 232, 222)`

Have a look what the booklet for
RYB(201, 232, 222) contains.

RYB(201, 232, 222)	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

$\text{RYB}(201, 232, 222)$

Conversions

Conversions Part 1

Format	Color
Hex	D3E8C9
RGB	211, 232, 201
RGB Percent	83%, 91%, 79%
CMY	0.1725, 0.0902, 0.2118
CMYK	0.09, 0.00, 0.13, 0.09
HSL	101°, 40%, 85%
HSV	101°, 13%, 91%
XYZ	66.2632, 75.7792, 66.3927
YIQ	222.1870, -2.5650, -14.0930

Conversions

Conversions Part 2

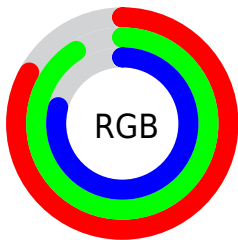
Format	Color
R _Y B	201, 232, 222
Decimal	13887689
CIE Lab	89.76, -12.50, 12.74
CIE LCh	90, 17.848, 134.441
Yxy	75.7792, 0.3179, 0.3636
Android (android.graphics.Color)	4292077769 (0xFFD3E8C9)
YUV	222.1870, -10.4452, -9.8110
Hunter-Lab	87.0512, -16.4658, 15.7162

Details

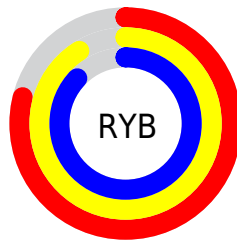
The RYB color **201, 232, 222** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **222, 201, 232**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is 255, 255, 255, and **147, 176, 167** is the 20% darker color. If you saturate the color by 10%, you get **178, 232, 215**, and if you desaturate by 10%, it is **224, 232, 229**.

Distribution



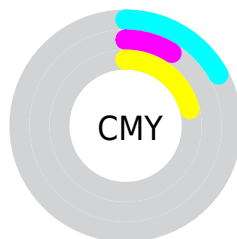
- Red (83%)
- Green (91%)
- Blue (79%)



- Red (79%)
- Yellow (91%)
- Blue (87%)



- Cyan (9%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 232, 222 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 201, 232, 222 by changing the saturation by 10% instead.

■ 201, 232, 222

255, 255, 255

■ 201, 232, 222

■ 174, 204, 195

■ 147, 176, 167

■ 121, 150, 141

■ 96, 124, 115

■ 73, 99, 91

■ 50, 75, 68

■ 29, 52, 46

■ 4, 31, 19

■ 0, 0, 0

 201, 232, 222

 201, 232, 222

 178, 232, 215

 224, 232, 229

 155, 232, 207

 242, 232, 247

 131, 232, 199

 255, 232, 255

 108, 232, 192

 85, 232, 185

 62, 232, 177

 39, 232, 170

 15, 232, 162

 0, 232, 157

Harmonies

Analogous

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



197, 231, 193



201, 232, 222



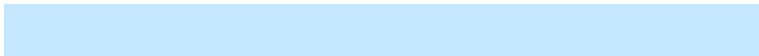
193, 220, 235

Triad

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



201, 232, 222



197, 218, 255



255, 214, 218

Complementary

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



201, 232, 222



222, 201, 232

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.



255, 215, 235



201, 232, 222



218, 223, 255

Square

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



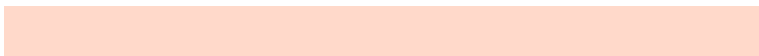
201, 232, 222



184, 212, 249



239, 219, 250



255, 223, 202

Rectangle

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



201, 232, 222



185, 213, 236



239, 219, 250



255, 214, 224

Sweetspot

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



201, 232, 222



245, 255, 252



216, 232, 201



121, 128, 126



0, 0, 0



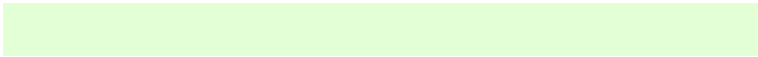
128, 128, 128

Same Dimension

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



201, 232, 222



214, 255, 242



201, 228, 232



103, 115, 111



0, 179, 121



0, 51, 35

Inverse Universe

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



222, 201, 232



242, 214, 255



232, 201, 227



111, 103, 115



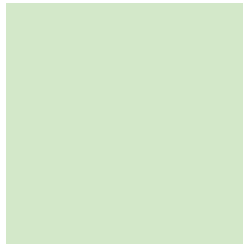
121, 0, 179



35, 0, 51

Previews

White Background



This preview shows how the RYB color 201, 232, 222 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 201, 232, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

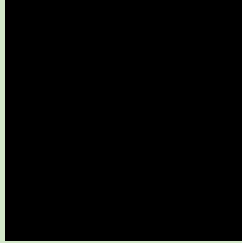
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

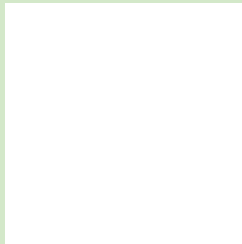
Any Text WCAG AAA ✓ Pass

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

RYB 201, 232, 222 Background



This preview shows how black text looks on a background with the RYB color 201, 232, 222.

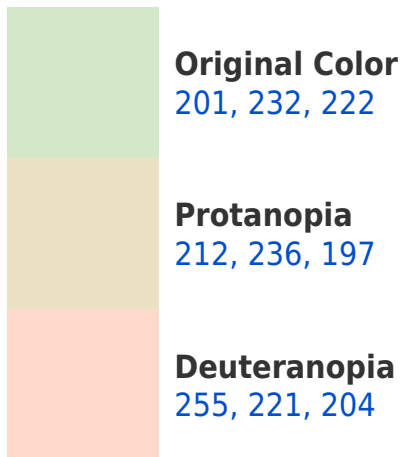


This preview shows how white text looks on a background with the RYB color 201, 232, 222.

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](#).

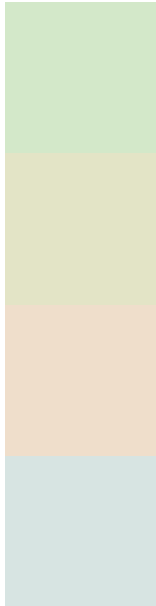
Dichromacy





Tritanopia
218, 224, 244

Trichromacy



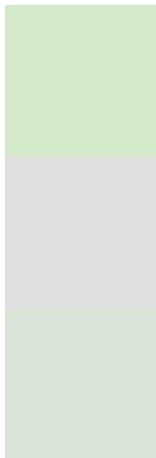
Original Color
201, 232, 222

Protanomaly
198, 228, 199

Deuteranomaly
235, 239, 203

Tritanomaly
215, 222, 228

Monochromacy



Original Color
201, 232, 222

Achromatopsia
222, 222, 222

Achromatomaly
214, 226, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 232, 222 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, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 201)  
}
```

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, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 201) }
```

Border

The CSS property to change the border of an element to RYB 201, 232, 222 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, 232, 201) }
```

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

```
.border{ border-color:rgb(211, 232, 201) }
```

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

Here you see how a box with a 4 pixel rgb(211, 232, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 201, 232, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 232, 201) }
```

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

```
.background{ background-color: rgb(211,  
232, 201) }
```

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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