

Converting Colors

`RYB(203, 236, 200)`

Have a look what the booklet for
RYB(203, 236, 200) contains.

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Color

R_YB(203, 236, 200)

Conversions

Conversions Part 1

Format	Color
Hex	ECE9C8
RGB	236, 233, 200
RGB Percent	93%, 91%, 78%
CMY	0.0745, 0.0854, 0.2157
CMYK	0.00, 0.01, 0.15, 0.07
HSL	55°, 49%, 85%
HSV	55°, 15%, 93%
XYZ	74.2217, 80.4116, 66.2527
YIQ	230.1350, 12.3810, -9.6270

Conversions

Conversions Part 2

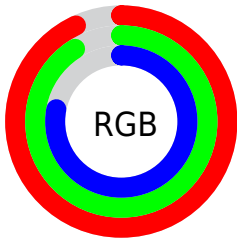
Format	Color
RYB	203, 236, 200
Decimal	15526344
CIELab	91.87, -4.52, 16.50
CIELCh	92, 17.112, 105.314
Yxy	80.4116, 0.3360, 0.3640
Android (android.graphics.Color)	4293716424 (0xFFECE9C8)
YUV	230.1350, -14.8566, 5.1436
Hunter-Lab	89.6725, -9.1829, 18.9656

Details

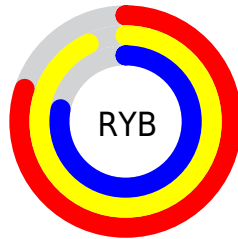
The RYB color **203, 236, 200** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **200, 203, 236**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 180, 146** is the 20% darker color. If you saturate the color by 10%, you get **181, 236, 176**, and if you desaturate by 10%, it is **225, 236, 224**.

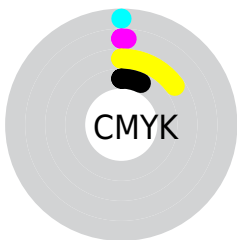
Distribution



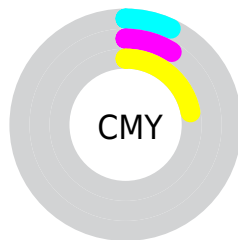
- Red (93%)
- Green (91%)
- Blue (78%)



- Red (80%)
- Yellow (93%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (15%)
- Black (7%)



- Cyan (7%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 236, 200 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 203, 236, 200 by changing the saturation by 10% instead.

■ 203, 236, 200

255, 255, 255

■ 203, 236, 200

■ 176, 208, 173

■ 148, 180, 146

■ 122, 153, 120

■ 97, 127, 95

■ 74, 102, 72

■ 50, 77, 49

■ 28, 54, 28

■ 3, 33, 2

■ 0, 10, 10

 203, 236, 200

 203, 236, 200

 181, 236, 176

 225, 236, 224

 159, 236, 153

 236, 237, 247

 138, 236, 129

 236, 239, 255

 117, 236, 106

 236, 239, 255

 95, 236, 82

 236, 241, 255

 73, 236, 58

 236, 242, 255

 51, 236, 35

 236, 243, 255

 29, 236, 11

 236, 243, 255

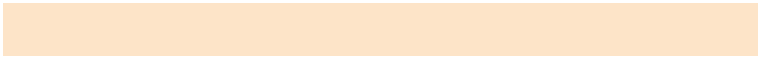
 19, 236, 0

 236, 244, 255

Harmonies

Analogous

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



247, 253, 200



203, 236, 200



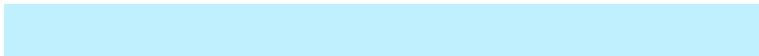
208, 238, 229

Triad

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



203, 236, 200



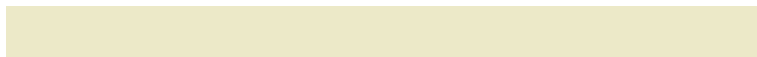
192, 219, 254



255, 221, 240

Complementary

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



203, 236, 200



200, 203, 236

Split Complementary

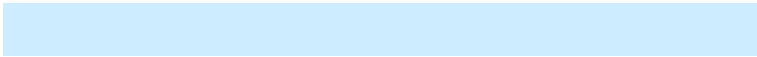
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245, 225, 255



203, 236, 200



205, 224, 255

Square

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



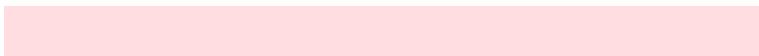
203, 236, 200



190, 216, 241



225, 229, 255



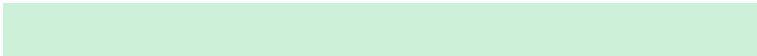
255, 221, 224

Rectangle

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



203, 236, 200



205, 231, 240



225, 229, 255



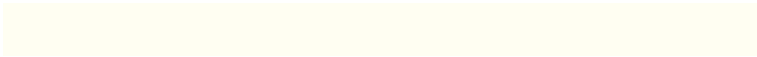
255, 222, 246

Sweetspot

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



203, 236, 200



243, 255, 242



236, 200, 203



121, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



203, 236, 200



213, 255, 209



200, 236, 215



107, 117, 106



15, 181, 0



6, 54, 0

Inverse Universe

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



200, 203, 236



209, 213, 255



215, 200, 236



106, 106, 117



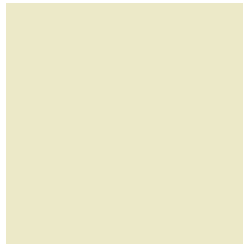
0, 13, 181



0, 4, 54

Previews

White Background



This preview shows how the RYB color 203, 236, 200 looks on a white background.

Color Contrast Check

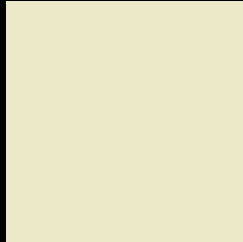
Large Text (above 18pt) WCAG AA × Fail

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 203, 236, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

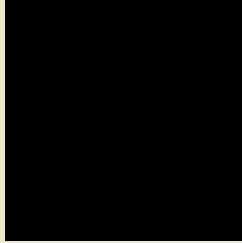
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

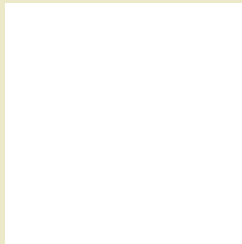
Any Text WCAG AAA ✓ Pass

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

RYB 203, 236, 200 Background



This preview shows how black text looks on a background with the RYB color 203, 236, 200.



This preview shows how white text looks on a background with the RYB color 203, 236, 200.

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
203, 236, 200

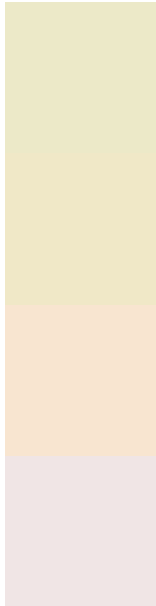
Protanopia
216, 243, 199

Deuteranopia
255, 233, 212



Tritanopia
242, 227, 245

Trichromacy



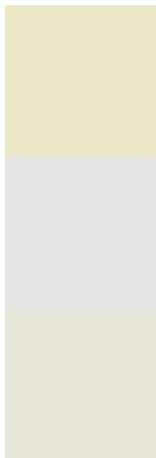
Original Color
203, 236, 200

Protanomaly
209, 240, 199

Deuteranomaly
244, 248, 208

Tritanomaly
240, 229, 229

Monochromacy



Original Color
203, 236, 200

Achromatopsia
230, 230, 230

Achromatomaly
220, 232, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 236, 200 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(236, 233, 200)` looks like.

```
.text, #text, p{  
    color:rgb(236, 233, 200)  
}
```

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(236, 233, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 233, 200) }
```

Border

The CSS property to change the border of an element to RYB 203, 236, 200 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(236, 233, 200) }
```

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

```
.border{ border-color:rgb(236, 233, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 233, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 233, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 233, 200);  
box-shadow:4px 4px 4px 4px rgb(236, 233,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 203, 236, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 233, 200) }
```

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

```
.background{ background-color: rgb(236,  
233, 200) }
```

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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