

Converting Colors

`RYB(195, 236, 208)`

Have a look what the booklet for
RYB(195, 236, 208) contains.

RYB(195, 236, 208)	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

`RYB(195, 236, 208)`

Conversions

Conversions Part 1

Format	Color
Hex	DFECC3
RGB	223, 236, 195
RGB Percent	87%, 93%, 76%
CMY	0.1255, 0.0745, 0.2353
CMYK	0.06, 0.00, 0.17, 0.07
HSL	79°, 52%, 85%
HSV	79°, 17%, 93%
XYZ	70.2772, 79.6190, 63.2938
YIQ	227.4390, 5.4130, -15.5070

Conversions

Conversions Part 2

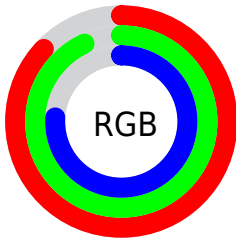
Format	Color
RYB	195, 236, 208
Decimal	14675139
CIELab	91.51, -11.29, 18.45
CIELCh	92, 21.634, 121.465
Yxy	79.6190, 0.3296, 0.3735
Android (android.graphics.Color)	4292865219 (0xFFDFECC3)
YUV	227.4390, -15.9924, -3.8930
Hunter-Lab	89.2295, -15.5649, 20.4041

Details

The RYB color **195, 236, 208** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **208, 195, 236**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is 252, 255, 252, and **141, 180, 153** is the 20% darker color. If you saturate the color by 10%, you get **171, 236, 191**, and if you desaturate by 10%, it is **219, 236, 225**.

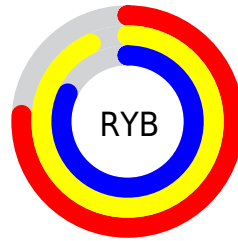
Distribution



Red (87%)

Green (93%)

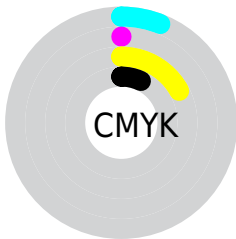
Blue (76%)



Red (76%)

Yellow (93%)

Blue (82%)

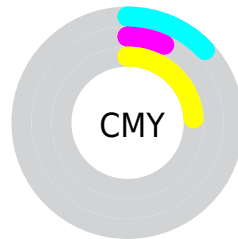


Cyan (6%)

Magenta (0%)

Yellow (17%)

Black (7%)



Cyan (13%)

Magenta (7%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 195, 236, 208 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 195, 236, 208 by changing the saturation by 10% instead.


 195, 236, 208


255, 255, 255


252, 255, 252


 195, 236, 208


 168, 208, 181

 141, 180, 153

 116, 153, 128


 91, 127, 103

 67, 102, 79

 45, 78, 56


 23, 56, 35

 0, 34, 9

 0, 10, 10

 195, 236, 208

 195, 236, 208

 171, 236, 191


 219, 236, 225

 148, 236, 176

 238, 236, 242

 124, 236, 159

 245, 236, 255

 101, 236, 144

 253, 236, 255

 77, 236, 127

 255, 236, 255

 53, 236, 111

 30, 236, 95

 6, 236, 79

 0, 236, 75

Harmonies

Analogous

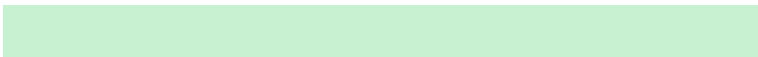
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



211, 246, 189



195, 236, 208



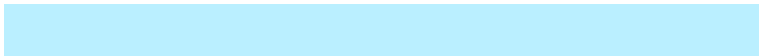
200, 233, 241

Triad

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



195, 236, 208



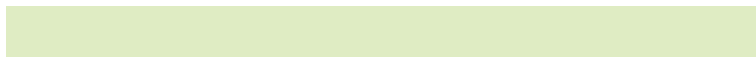
186, 216, 255



255, 216, 230

Complementary

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



195, 236, 208



208, 195, 236

Split Complementary

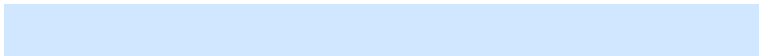
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 219, 251



195, 236, 208



209, 224, 255

Square

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



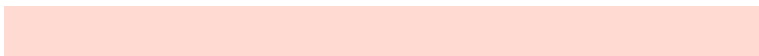
195, 236, 208



175, 211, 252



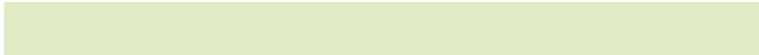
236, 225, 255



255, 220, 210

Rectangle

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



195, 236, 208



187, 220, 242



236, 225, 255



255, 217, 237

Sweetspot

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



195, 236, 208



242, 255, 246



236, 214, 195



120, 128, 123



0, 0, 0



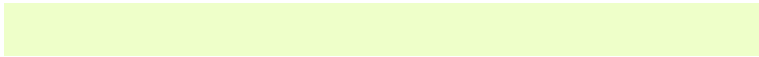
128, 128, 128

Same Dimension

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



195, 236, 208



201, 255, 218



195, 236, 228



106, 117, 109



0, 181, 57



0, 54, 17

Inverse Universe

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



208, 195, 236



218, 201, 255



228, 195, 236



109, 106, 117



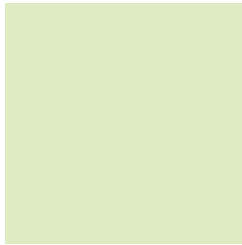
57, 0, 181



17, 0, 54

Previews

White Background



This preview shows how the RYB color 195, 236, 208 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 195, 236, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

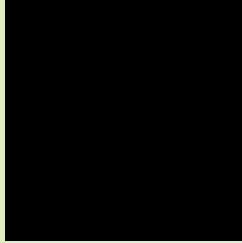
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

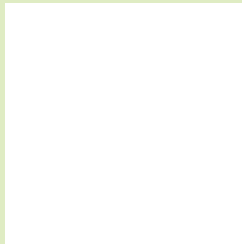
Any Text WCAG AAA ✓ Pass

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

RYB 195, 236, 208 Background



This preview shows how black text looks on a background with the RYB color 195, 236, 208.

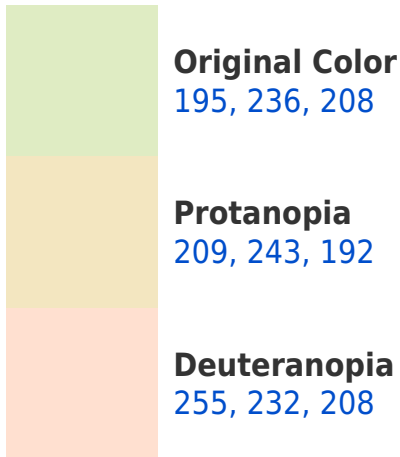



This preview shows how white text looks on a background with the RYB color 195, 236, 208.

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

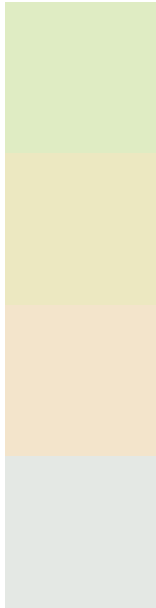




Tritanopia

231, 229, 247

Trichromacy



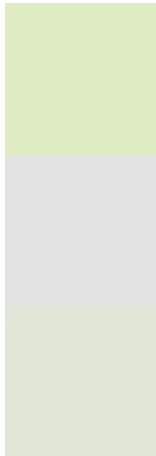
Original Color
195, 236, 208

Protanomaly
197, 236, 193

Deuteranomaly
227, 243, 203

Tritanomaly
228, 232, 232

Monochromacy



Original Color
195, 236, 208

Achromatopsia
227, 227, 227

Achromatomaly
215, 230, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 236, 208 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(223, 236, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 195)  
}
```

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(223, 236, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 195) }
```

Border

The CSS property to change the border of an element to RYB 195, 236, 208 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(223, 236, 195) }
```

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

```
.border{ border-color:rgb(223, 236, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
195) }
```

Background

The CSS property to change the background color of an element to RYB 195, 236, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 195) }
```

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

```
.background{ background-color: rgb(223,  
236, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor