

Converting Colors

`RYB(207, 237, 208)`

Have a look what the booklet for
RYB(207, 237, 208) contains.

RYB(207, 237, 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

R_YB(207, 237, 208)

Conversions

Conversions Part 1

Format	Color
Hex	ECEDCF
RGB	236, 237, 207
RGB Percent	93%, 93%, 81%
CMY	0.0745, 0.0706, 0.1882
CMYK	0.00, 0.00, 0.13, 0.07
HSL	62°, 45%, 87%
HSV	62°, 13%, 93%
XYZ	76.1387, 82.9062, 71.0210
YIQ	233.2810, 9.0340, -9.5420

Conversions

Conversions Part 2

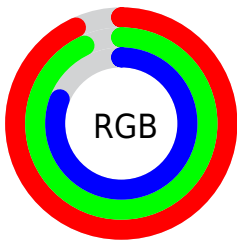
Format	Color
RYB	207, 237, 208
Decimal	15527375
CIELab	92.97, -5.35, 14.44
CIELCh	93, 15.395, 110.329
Yxy	82.9062, 0.3309, 0.3604
Android (android.graphics.Color)	4293717455 (0xFFEEDCF)
YUV	233.2810, -12.9565, 2.3846
Hunter-Lab	91.0529, -10.0801, 17.4909

Details

The RYB color **207, 237, 208** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **208, 207, 237**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is **255, 255, 255**, and **153, 181, 154** is the 20% darker color. If you saturate the color by 10%, you get **183, 237, 185**, and if you desaturate by 10%, it is **231, 237, 231**.

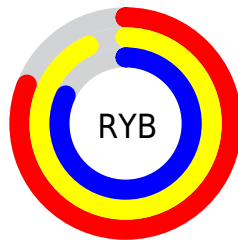
Distribution



Red (93%)

Green (93%)

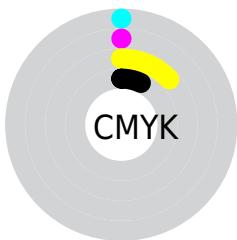
Blue (81%)



Red (81%)

Yellow (93%)

Blue (82%)

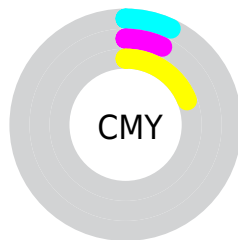


Cyan (0%)

Magenta (0%)

Yellow (13%)

Black (7%)



Cyan (7%)

Magenta (7%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 237, 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 207, 237, 208 by changing the saturation by 10% instead.

■ 207, 237, 208

255, 255, 255

■ 207, 237, 208

■ 179, 209, 180

■ 153, 181, 154

■ 127, 154, 128

■ 102, 128, 103

■ 78, 103, 79

■ 55, 79, 56

■ 33, 57, 35


■ 11, 35, 13

■ 0, 14, 11

 207, 237, 208

 207, 237, 208

 183, 237, 185

 231, 237, 231

 160, 237, 163

 238, 237, 254

 136, 237, 139

 238, 237, 255


 112, 237, 116

 239, 237, 255

 89, 237, 94

 240, 237, 255

 65, 237, 71

 241, 237, 255

 41, 237, 48

 242, 237, 255

 17, 237, 24

 243, 237, 255

 0, 237, 8

Harmonies

Analogous

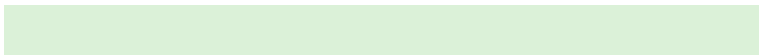
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241, 252, 206



207, 237, 208



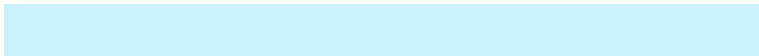
216, 241, 238

Triad

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



207, 237, 208



201, 224, 255



255, 225, 240

Complementary

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



207, 237, 208



208, 207, 237

Split Complementary

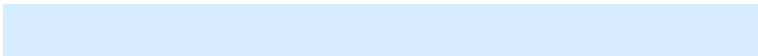
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250, 228, 254



207, 237, 208



214, 229, 255

Square

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



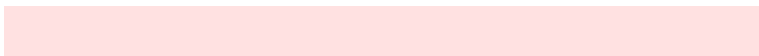
207, 237, 208



197, 221, 244



232, 233, 255



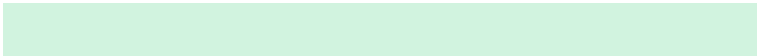
255, 225, 225

Rectangle

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



207, 237, 208



209, 233, 243



232, 233, 255



255, 226, 245

Sweetspot

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



207, 237, 208



245, 255, 245



237, 208, 207



121, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



207, 237, 208



217, 255, 218



207, 237, 223



106, 117, 106



0, 181, 6



0, 54, 2

Inverse Universe

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



208, 207, 237



218, 217, 255



223, 207, 237



106, 106, 117



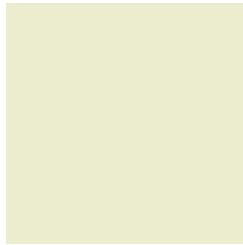
6, 0, 181



2, 0, 54

Previews

White Background



This preview shows how the RYB color 207, 237, 208 looks on a white background.

Color Contrast Check

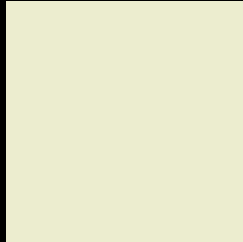
Large Text (above 18pt) WCAG AA × Fail

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 207, 237, 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

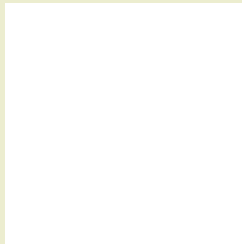
Any Text WCAG AAA ✓ Pass

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

RYB 207, 237, 208 Background



This preview shows how black text looks on a background with the RYB color 207, 237, 208.

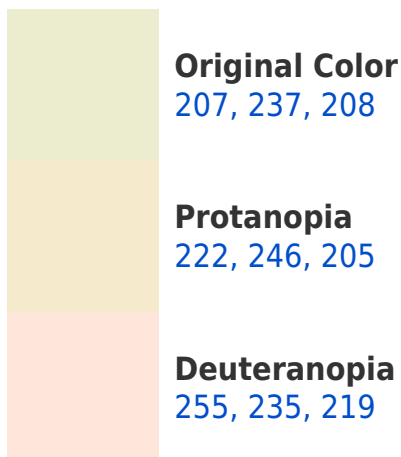


This preview shows how white text looks on a background with the RYB color 207, 237, 208.

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

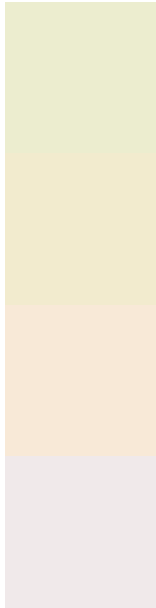




Tritanopia

242, 231, 249

Trichromacy



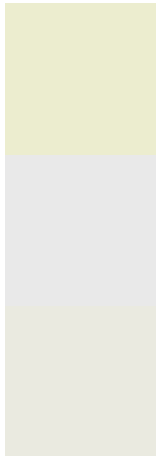
Original Color
207, 237, 208

Protanomaly
215, 242, 206

Deuteranomaly
243, 248, 215

Tritanomaly
240, 233, 234

Monochromacy



Original Color
207, 237, 208

Achromatopsia
233, 233, 233

Achromatomaly
224, 234, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 237, 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(236, 237, 207) looks like.

```
.text, #text, p{  
    color:rgb(236, 237, 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(236, 237, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 237, 207) }
```

Border

The CSS property to change the border of an element to RYB 207, 237, 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(236, 237, 207) }
```

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

```
.border{ border-color:rgb(236, 237, 207) }
```

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

Here you see how a box with a 4 pixel rgb(236, 237, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 237, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 237, 207);  
box-shadow:4px 4px 4px 4px rgb(236, 237,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 207, 237, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 237, 207) }
```

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

```
.background{ background-color: rgb(236,  
237, 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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