

Converting Colors

`RYB(208, 240, 213)`

Have a look what the booklet for
RYB(208, 240, 213) contains.

RYB(208, 240, 213)	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(208, 240, 213)

Conversions

Conversions Part 1

Format	Color
Hex	EBF0D0
RGB	235, 240, 208
RGB Percent	92%, 94%, 82%
CMY	0.0784, 0.0588, 0.1843
CMYK	0.02, 0.00, 0.13, 0.06
HSL	69°, 52%, 88%
HSV	69°, 13%, 94%
XYZ	76.8062, 84.5364, 71.9435
YIQ	234.8570, 7.2920, -11.0120

Conversions

Conversions Part 2

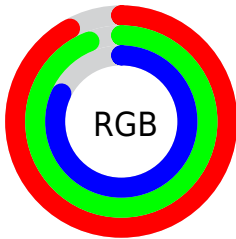
Format	Color
R _Y B	208, 240, 213
Decimal	15462608
CIE Lab	93.68, -7.05, 14.91
CIE LCh	94, 16.496, 115.316
Yxy	84.5364, 0.3292, 0.3624
Android (android.graphics.Color)	4293652688 (0xFFEBF0D0)
YUV	234.8570, -13.2405, 0.1254
Hunter-Lab	91.9437, -11.7894, 17.9677

Details

The RYB color **208, 240, 213** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **213, 208, 240**, and the grayscale version is **235, 235, 235**.

A 20% lighter version of the original color is **255, 255, 255**, and **154, 184, 159** is the 20% darker color. If you saturate the color by 10%, you get **184, 240, 193**, and if you desaturate by 10%, it is **232, 240, 233**.

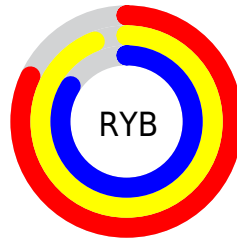
Distribution



Red (92%)

Green (94%)

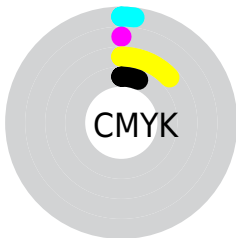
Blue (82%)



Red (82%)

Yellow (94%)

Blue (84%)

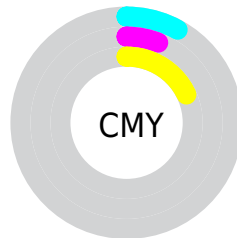


Cyan (2%)

Magenta (0%)

Yellow (13%)

Black (6%)



Cyan (8%)

Magenta (6%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 240, 213 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 208, 240, 213 by changing the saturation by 10% instead.

■ 208, 240, 213

255, 255, 255

■ 208, 240, 213

■ 180, 212, 185

■ 154, 184, 159

■ 128, 157, 133

■ 102, 131, 107

■ 78, 106, 83

■ 55, 82, 60

■ 34, 59, 39

■ 12, 37, 17

■ 0, 17, 15

 208, 240, 213

 208, 240, 213

 184, 240, 193

 232, 240, 233

 160, 240, 173

 243, 240, 255

 136, 240, 152

 246, 240, 255

 112, 240, 132

 250, 240, 255

 88, 240, 112

 254, 240, 255

 64, 240, 92

 255, 240, 255

 40, 240, 71

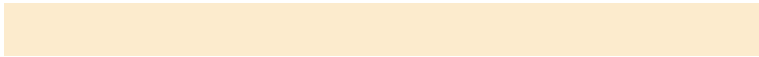
 16, 240, 51

 0, 240, 38

Harmonies

Analogous

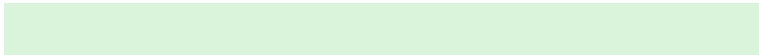
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232, 252, 205



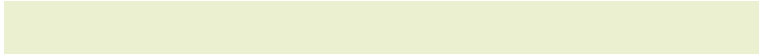
208, 240, 213



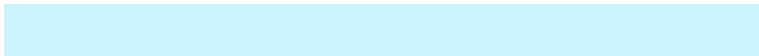
217, 243, 244

Triad

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



208, 240, 213



201, 225, 255



255, 226, 240

Complementary

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



208, 240, 213



213, 208, 240

Split Complementary

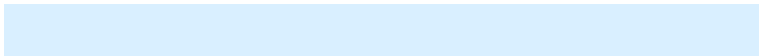
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 229, 255



208, 240, 213



217, 231, 255

Square

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



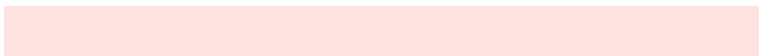
208, 240, 213



196, 222, 250



237, 234, 255



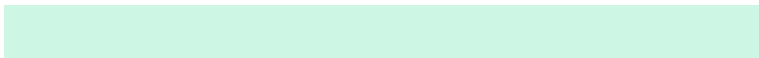
255, 227, 224

Rectangle

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



208, 240, 213



206, 232, 246



237, 234, 255



255, 227, 245

Sweetspot

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



208, 240, 213



245, 255, 247



240, 214, 208



121, 128, 122



0, 0, 0



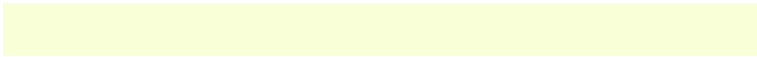
128, 128, 128

Same Dimension

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



208, 240, 213



214, 255, 220



208, 240, 229



108, 120, 110



0, 184, 29



0, 56, 9

Inverse Universe

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



213, 208, 240



221, 214, 255



229, 208, 240



110, 108, 120



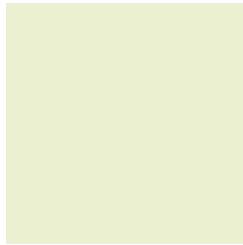
29, 0, 184



9, 0, 56

Previews

White Background



This preview shows how the RYB color 208, 240, 213 looks on a white background.

Color Contrast Check

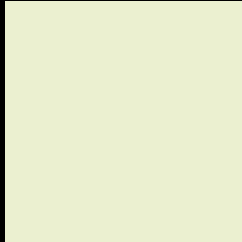
Large Text (above 18pt) WCAG AA × Fail

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 208, 240, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

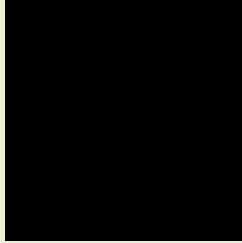
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

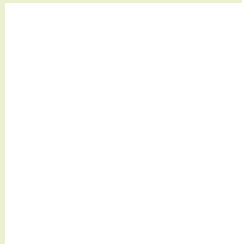
Any Text WCAG AAA ✓ Pass

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

RYB 208, 240, 213 Background



This preview shows how black text looks on a background with the RYB color 208, 240, 213.

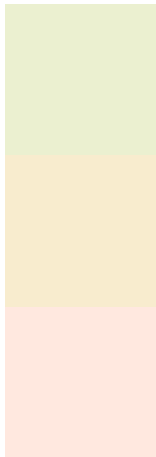


This preview shows how white text looks on a background with the RYB color 208, 240, 213.

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
208, 240, 213

Protanopia
223, 248, 206

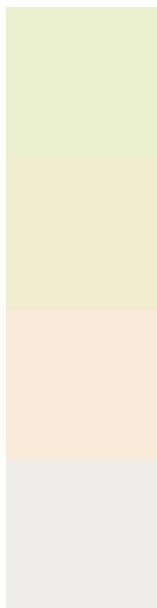
Deuteranopia
255, 236, 223



Tritanopia

241, 234, 252

Trichromacy



Original Color

208, 240, 213

Protanomaly

214, 243, 207

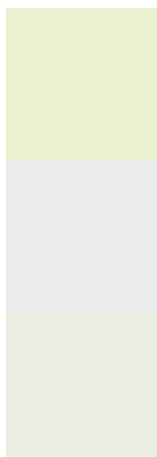
Deuteranomaly

241, 248, 218

Tritanomaly

239, 236, 236

Monochromacy



Original Color

208, 240, 213

Achromatopsia

235, 235, 235

Achromatomaly

225, 237, 227

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 240, 213 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(235, 240, 208) looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 208)  
}
```

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(235, 240, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 208) }
```

Border

The CSS property to change the border of an element to RYB 208, 240, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

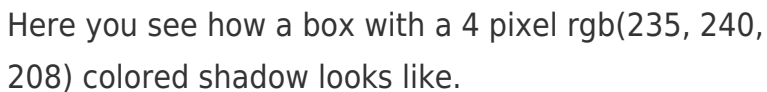
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 240, 208) }
```

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

```
.border{ border-color:rgb(235, 240, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 240, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(235, 240, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(235, 240, 208); box-shadow:4px 4px 4px 4px rgb(235, 240, 208) }
```

Background

The CSS property to change the background color of an element to RYB 208, 240, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 208) }
```

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

```
.background{ background-color: rgb(235,  
240, 208) }
```

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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