

Converting Colors

`RYB(210, 238, 223)`

Have a look what the booklet for
RYB(210, 238, 223) contains.

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Color

$\text{RYB}(210, 238, 223)$

Conversions

Conversions Part 1

Format	Color
Hex	E1EED2
RGB	225, 238, 210
RGB Percent	88%, 93%, 82%
CMY	0.1176, 0.0667, 0.1765
CMYK	0.05, 0.00, 0.12, 0.07
HSL	88°, 45%, 88%
HSV	88°, 12%, 93%
XYZ	73.2587, 81.8098, 72.9025
YIQ	230.9210, 1.2400, -11.4640

Conversions

Conversions Part 2

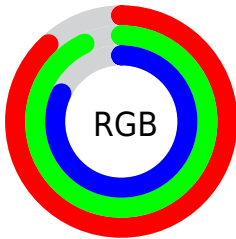
Format	Color
R_{YB}	210, 238, 223
Decimal	14806738
CIE _{Lab}	92.49, -9.20, 12.09
CIE _{LCh}	92, 15.188, 127.276
Yxy	81.8098, 0.3214, 0.3589
Android (android.graphics.Color)	4292996818 (0xFFE1EED2)
YUV	230.9210, -10.3141, -5.1927
Hunter-Lab	90.4488, -13.7097, 15.5259

Details

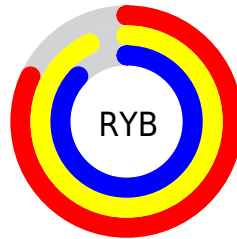
The RYB color **210, 238, 223** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **223, 210, 238**, and the grayscale version is **231, 231, 231**.

A 20% lighter version of the original color is **255, 255, 255**, and **156, 182, 168** is the 20% darker color. If you saturate the color by 10%, you get **186, 238, 210**, and if you desaturate by 10%, it is **234, 238, 236**.

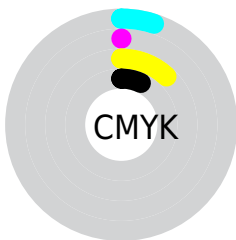
Distribution



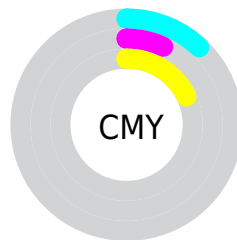
- Red (88%)
- Green (93%)
- Blue (82%)



- Red (82%)
- Yellow (93%)
- Blue (87%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (12%)
- Magenta (7%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 210, 238, 223 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 210, 238, 223 by changing the saturation by 10% instead.

■ 210, 238, 223

255, 255, 255

■ 210, 238, 223

■ 182, 210, 195

■ 156, 182, 168

■ 129, 155, 141

■ 104, 129, 116

■ 80, 104, 91

■ 57, 80, 68

■ 35, 57, 46

■ 15, 36, 25

■ 0, 15, 15

 210, 238, 223

 210, 238, 223

 186, 238, 210

 234, 238, 236

 162, 238, 197

 247, 238, 255

 139, 238, 185

 255, 238, 255

 115, 238, 172

 91, 238, 159

 67, 238, 146

 43, 238, 133

 20, 238, 121

 0, 238, 111

Harmonies

Analogous

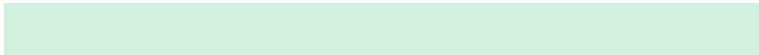
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 242, 205



210, 238, 223



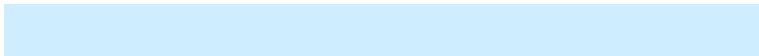
209, 232, 241

Triad

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



210, 238, 223



206, 225, 255



255, 224, 230

Complementary

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



210, 238, 223



223, 210, 238

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, 225, 245



210, 238, 223



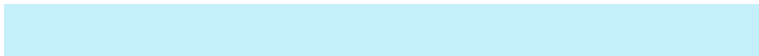
222, 230, 255

Square

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



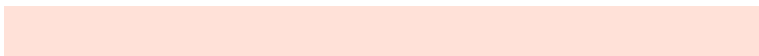
210, 238, 223



197, 221, 251



241, 229, 255



255, 228, 216

Rectangle

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



210, 238, 223



201, 224, 242



241, 229, 255



255, 224, 235

Sweetspot

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



210, 238, 223



245, 255, 250



238, 234, 210



121, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



210, 238, 223



219, 255, 236



210, 238, 237



108, 120, 114



0, 184, 86



0, 56, 26

Inverse Universe

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



223, 210, 238



236, 219, 255



237, 210, 238



113, 108, 120



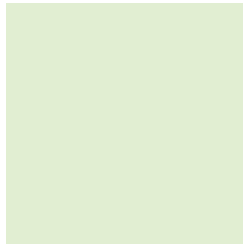
85, 0, 184



26, 0, 56

Previews

White Background



This preview shows how the RYB color 210, 238, 223 looks on a white background.

Color Contrast Check

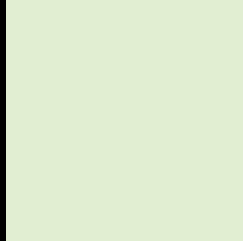
Large Text (above 18pt) WCAG AA × Fail

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 210, 238, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

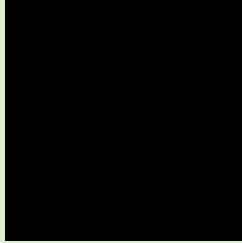
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

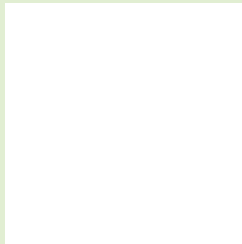
Any Text WCAG AAA ✓ Pass

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

RYB 210, 238, 223 Background



This preview shows how black text looks on a background with the RYB color 210, 238, 223.

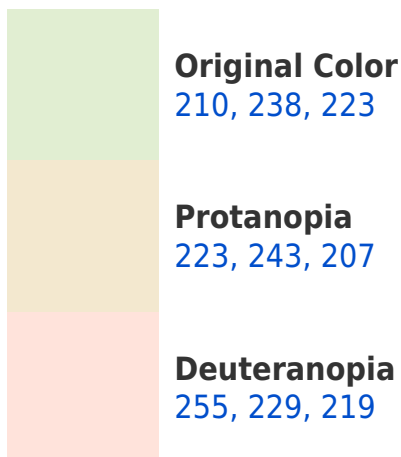


This preview shows how white text looks on a background with the RYB color 210, 238, 223.

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](#).

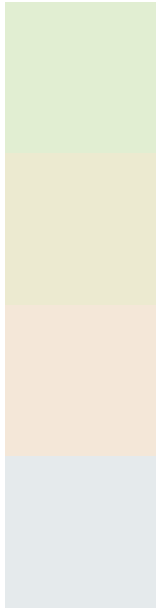
Dichromacy





Tritanopia
231, 232, 251

Trichromacy



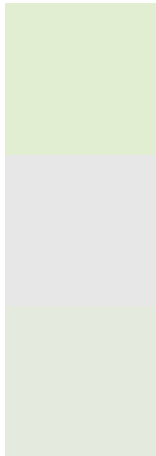
Original Color
210, 238, 223

Protanomaly
210, 236, 208

Deuteranomaly
240, 244, 216

Tritanomaly
229, 232, 236

Monochromacy



Original Color
210, 238, 223

Achromatopsia
231, 231, 231

Achromatomaly
223, 234, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 238, 223 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(225, 238, 210)` looks like.

```
.text, #text, p{  
    color:rgb(225, 238, 210)  
}
```

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(225, 238, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 238, 210) }
```

Border

The CSS property to change the border of an element to RYB 210, 238, 223 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(225, 238, 210) }
```

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

```
.border{ border-color:rgb(225, 238, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 238, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 238, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 238, 210);  
box-shadow:4px 4px 4px 4px rgb(225, 238,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 210, 238, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 238, 210) }
```

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

```
.background{ background-color: rgb(225,  
238, 210) }
```

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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