

Converting Colors

`RYB(225, 243, 233)`

Have a look what the booklet for
RYB(225, 243, 233) contains.

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Color

R_YB(225, 243, 233)

Conversions

Conversions Part 1

Format	Color
Hex	EBF3E1
RGB	235, 243, 225
RGB Percent	92%, 95%, 88%
CMY	0.0784, 0.0471, 0.1176
CMYK	0.03, 0.00, 0.07, 0.05
HSL	87°, 43%, 92%
HSV	87°, 7%, 95%
XYZ	79.9021, 87.1996, 83.8541
YIQ	238.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

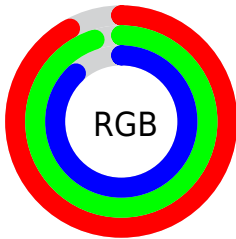
Format	Color
R_{YB}	225, 243, 233
Decimal	15463393
CIE _{Lab}	94.82, -5.79, 7.75
CIE _{LCh}	95, 9.676, 126.771
Y _{xy}	87.1996, 0.3184, 0.3475
Android (android.graphics.Color)	4293653473 (0xFFEBF3E1)
YUV	238.5560, -6.6831, -3.1186
Hunter-Lab	93.3807, -10.6810, 12.1252

Details

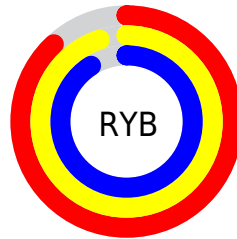
The RYB color **225, 243, 233** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **233, 225, 243**, and the grayscale version is **239, 239, 239**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 187, 178** is the 20% darker color. If you saturate the color by 10%, you get **201, 243, 220**, and if you desaturate by 10%, it is **246, 243, 249**.

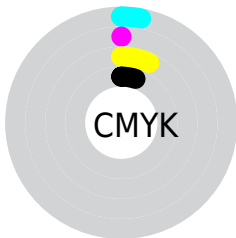
Distribution



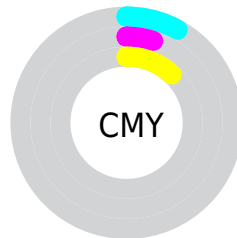
- Red (92%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (8%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 243, 233 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 225, 243, 233 by changing the saturation by 10% instead.

■ 225, 243, 233

255, 255, 255

■ 225, 243, 233

■ 197, 215, 205

■ 170, 187, 178

■ 143, 160, 151

■ 118, 134, 125

■ 93, 108, 100

■ 69, 84, 76

■ 47, 61, 53

■ 26, 39, 32

■ 0, 19, 8

225, 243, 233

225, 243, 233

201, 243, 220

246, 243, 249

176, 243, 206

255, 243, 255

152, 243, 192

128, 243, 179

103, 243, 165

79, 243, 152

55, 243, 139

31, 243, 125

6, 243, 111

Harmonies

Analogous

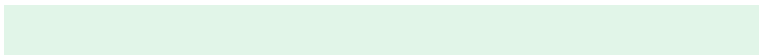
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230, 246, 222



225, 243, 233



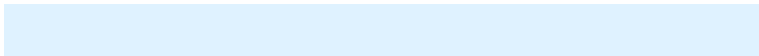
225, 240, 245

Triad

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



225, 243, 233



223, 235, 255



255, 234, 238

Complementary

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



225, 243, 233



233, 225, 243

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, 235, 248



225, 243, 233



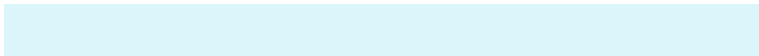
233, 238, 255

Square

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



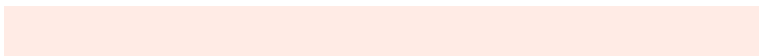
225, 243, 233



218, 233, 251



245, 237, 255



255, 237, 229

Rectangle

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



225, 243, 233



220, 235, 246



245, 237, 255



255, 234, 241

Sweetspot

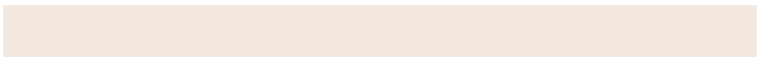
The Sweet Spot groups the original color and five complimentary colors.



225, 243, 233



250, 255, 252



243, 239, 225



125, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



225, 243, 233



232, 255, 242



225, 243, 242



110, 122, 115



0, 186, 83



0, 59, 26

Inverse Universe

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



233, 225, 243



242, 232, 255



242, 225, 243



116, 110, 122



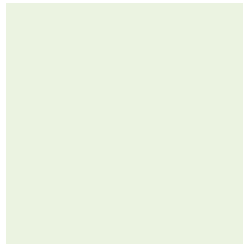
83, 0, 186



26, 0, 59

Previews

White Background



This preview shows how the RYB color 225, 243, 233 looks on a white background.

Color Contrast Check

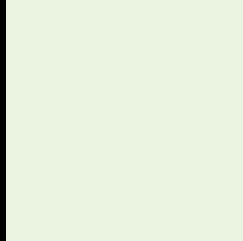
Large Text (above 18pt) WCAG AA × Fail

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 225, 243, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

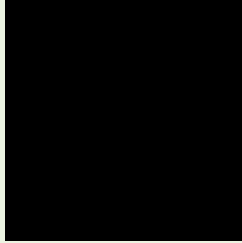
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

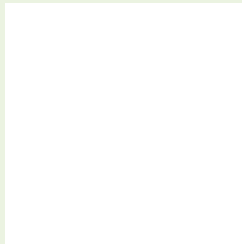
Any Text WCAG AAA ✓ Pass

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

RYB 225, 243, 233 Background



This preview shows how black text looks on a background with the RYB color 225, 243, 233.

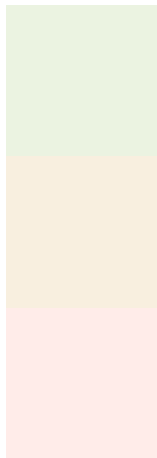


This preview shows how white text looks on a background with the RYB color 225, 243, 233.

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
225, 243, 233

Protanopia
237, 248, 223

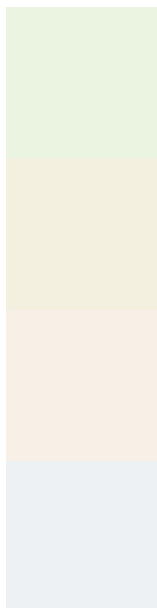
Deuteranopia
255, 236, 233



Tritanopia

240, 238, 255

Trichromacy



Original Color

225, 243, 233

Protanomaly

228, 243, 224

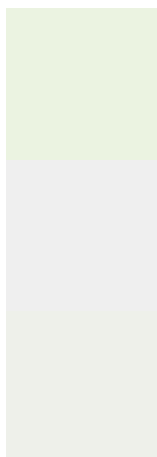
Deuteranomaly

248, 248, 230

Tritanomaly

238, 240, 244

Monochromacy



Original Color

225, 243, 233

Achromatopsia

239, 239, 239

Achromatomaly

234, 240, 236

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 243, 233 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, 243, 225) looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 225)  
}
```

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, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 225) }
```

Border

The CSS property to change the border of an element to RYB 225, 243, 233 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, 243, 225) }
```

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

```
.border{ border-color:rgb(235, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 225, 243, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 225) }
```

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

```
.background{ background-color: rgb(235,  
243, 225) }
```

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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