

Converting Colors

`RYB(225, 246, 232)`

Have a look what the booklet for
RYB(225, 246, 232) contains.

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Color

R_YB(225, 246, 232)

Conversions

Conversions Part 1

Format	Color
Hex	EFF6E1
RGB	239, 246, 225
RGB Percent	94%, 96%, 88%
CMY	0.0627, 0.0353, 0.1176
CMYK	0.03, 0.00, 0.09, 0.04
HSL	80°, 54%, 92%
HSV	80°, 9%, 96%
XYZ	82.1430, 89.6985, 84.2183
YIQ	241.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

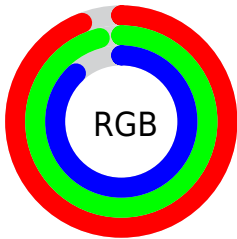
Format	Color
R _Y B	225, 246, 232
Decimal	15726305
CIE Lab	95.87, -5.94, 9.29
CIE LCh	96, 11.030, 122.591
Yxy	89.6985, 0.3208, 0.3503
Android (android.graphics.Color)	4293916385 (0xFFEFF6E1)
YUV	241.5130, -8.1409, -2.2039
Hunter-Lab	94.7093, -10.9252, 13.5741

Details

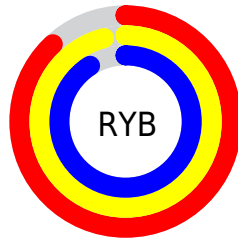
The RYB color **225, 246, 232** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **232, 225, 246**, and the grayscale version is **242, 242, 242**.

A 20% lighter version of the original color is 255, 255, 255, and **170, 190, 177** is the 20% darker color. If you saturate the color by 10%, you get **200, 246, 215**, and if you desaturate by 10%, it is **247, 246, 250**.

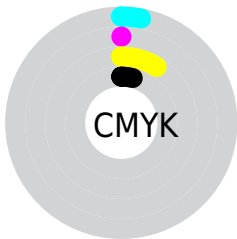
Distribution



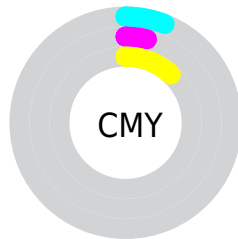
- Red (94%)
- Green (96%)
- Blue (88%)



- Red (88%)
- Yellow (96%)
- Blue (91%)



- Cyan (3%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 246, 232 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, 246, 232 by changing the saturation by 10% instead.

■ 225, 246, 232

255, 255, 255

■ 225, 246, 232

■ 197, 218, 204

■ 170, 190, 177

■ 143, 163, 150

■ 118, 136, 124

■ 93, 111, 99

■ 69, 87, 75

■ 47, 63, 52

■ 26, 42, 32

■ 0, 21, 5

 225, 246, 232


 225, 246, 232

 200, 246, 215

 247, 246, 250

 176, 246, 199

 255, 246, 255

 151, 246, 183

 127, 246, 167

 102, 246, 150

 77, 246, 133

 53, 246, 117

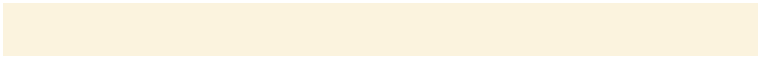
 28, 246, 101

 4, 246, 85

Harmonies

Analogous

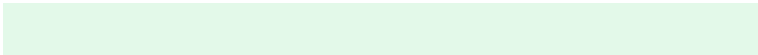
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233, 251, 222



225, 246, 232



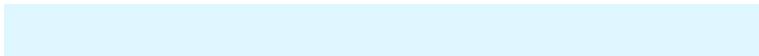
227, 244, 249

Triad

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



225, 246, 232



222, 236, 255



255, 236, 243

Complementary

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



225, 246, 232



232, 225, 246

Split Complementary

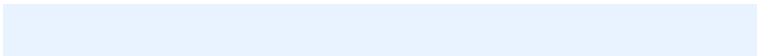
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 237, 253



225, 246, 232



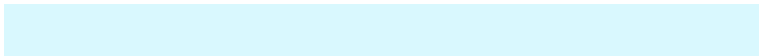
233, 240, 255

Square

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



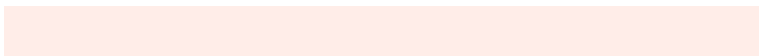
225, 246, 232



217, 234, 254



247, 240, 255



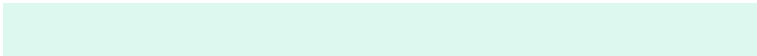
255, 238, 232

Rectangle

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



225, 246, 232



221, 238, 249



247, 240, 255



255, 236, 246

Sweetspot

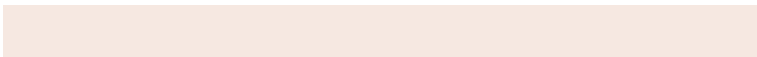
The Sweet Spot groups the original color and five complimentary colors.



225, 246, 232



247, 255, 250



246, 236, 225



122, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

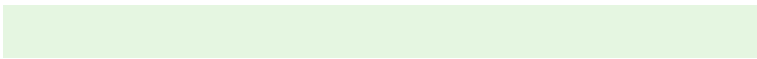
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225, 246, 232



230, 255, 238



225, 246, 242



110, 122, 114



0, 186, 62



0, 59, 20

Inverse Universe

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



232, 225, 246



238, 230, 255



243, 225, 246



114, 110, 122



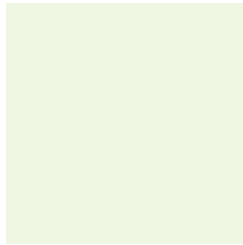
62, 0, 186



20, 0, 59

Previews

White Background



This preview shows how the RYB color 225, 246, 232 looks on a white background.

Color Contrast Check

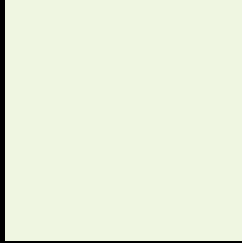
Large Text (above 18pt) WCAG AA × Fail

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, 246, 232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

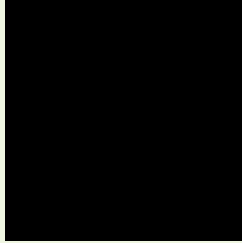
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

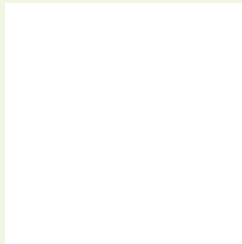
Any Text WCAG AAA ✓ Pass

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

RYB 225, 246, 232 Background



This preview shows how black text looks on a background with the RYB color 225, 246, 232.

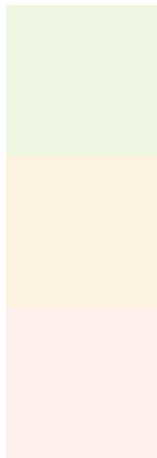


This preview shows how white text looks on a background with the RYB color 225, 246, 232.

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, 246, 232

Protanopia
238, 252, 223

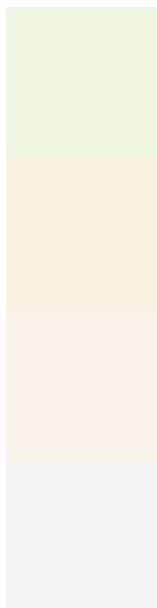
Deuteranopia
255, 241, 237



Tritanopia

244, 242, 255

Trichromacy



Original Color

225, 246, 232

Protanomaly

229, 247, 224

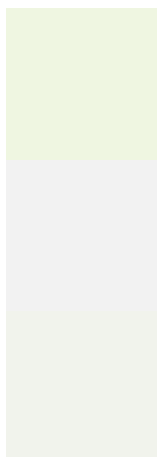
Deuteranomaly

245, 249, 233

Tritanomaly

242, 243, 244

Monochromacy



Original Color

225, 246, 232

Achromatopsia

242, 242, 242

Achromatomaly

236, 243, 238

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 246, 232 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(239, 246, 225) looks like.

```
.text, #text, p{  
    color:rgb(239, 246, 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(239, 246, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 246, 225) }
```

Border

The CSS property to change the border of an element to RYB 225, 246, 232 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(239, 246, 225) }
```

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

```
.border{ border-color:rgb(239, 246, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 246, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 246, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 246, 225);  
box-shadow:4px 4px 4px 4px rgb(239, 246,  
225) }
```

Background

The CSS property to change the background color of an element to RYB 225, 246, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 246, 225) }
```

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

```
.background{ background-color: rgb(239,  
246, 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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