

Converting Colors

`RYB(231, 245, 210)`

Have a look what the booklet for
RYB(231, 245, 210) contains.

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Color

R_YB(231, 245, 210)

Conversions

Conversions Part 1

Format	Color
Hex	F5E8D2
RGB	245, 232, 210
RGB Percent	96%, 91%, 82%
CMY	0.0392, 0.0907, 0.1765
CMYK	0.00, 0.05, 0.14, 0.04
HSL	37°, 64%, 89%
HSV	37°, 14%, 96%
XYZ	78.1105, 81.7085, 72.6272
YIQ	233.3790, 14.8100, -4.0860

Conversions

Conversions Part 2

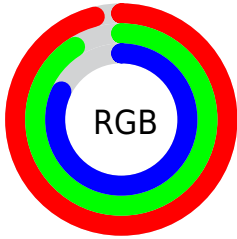
Format	Color
R _Y B	231, 245, 210
Decimal	16115922
CIE Lab	92.45, 0.90, 12.23
CIE LCh	92, 12.262, 85.795
Yxy	81.7085, 0.3360, 0.3515
Android (android.graphics.Color)	4294306002 (0xFFFF5E8D2)
YUV	233.3790, -11.5258, 10.1916
Hunter-Lab	90.3928, -3.9413, 15.6376

Details

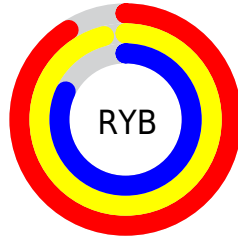
The RYB color **231, 245, 210** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **210, 219, 245**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **177, 189, 156** is the 20% darker color. If you saturate the color by 10%, you get **221, 245, 186**, and if you desaturate by 10%, it is **242, 245, 235**.

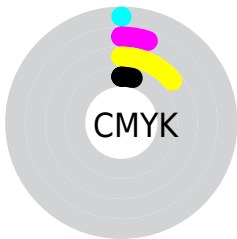
Distribution



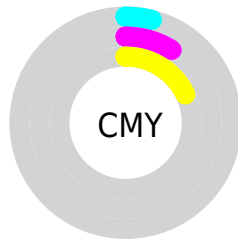
- Red (96%)
- Green (91%)
- Blue (82%)



- Red (91%)
- Yellow (96%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 231, 245, 210 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 231, 245, 210 by changing the saturation by 10% instead.

■ 231, 245, 210

255, 255, 255

■ 231, 245, 210

■ 201, 216, 182

■ 177, 189, 156

■ 146, 161, 129

■ 121, 135, 104

■ 97, 110, 80

■ 73, 85, 57

■ 48, 61, 36

■ 27, 39, 15

■ 13, 15, 0

231, 245, 210

231, 245, 210

221, 245, 186

242, 245, 235

213, 245, 161

245, 248, 255

203, 245, 137

245, 250, 255

192, 245, 112

181, 245, 87

172, 245, 63

161, 245, 38

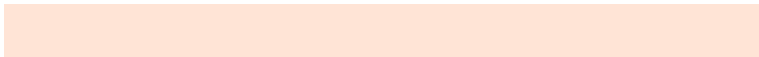
154, 245, 14

147, 245, 0

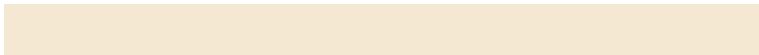
Harmonies

Analogous

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



255, 235, 214



231, 245, 210



212, 236, 216

Triad

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



231, 245, 210



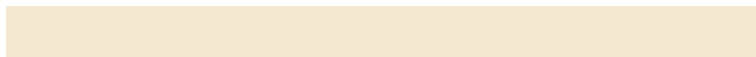
204, 223, 243



247, 227, 247

Complementary

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



231, 245, 210



210, 219, 245

Split Complementary

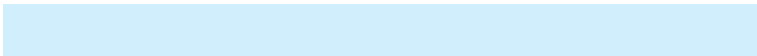
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



234, 231, 254



231, 245, 210



208, 226, 252

Square

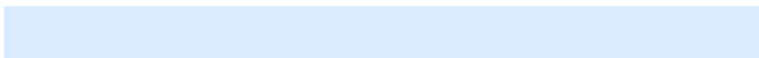
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



231, 245, 210



208, 227, 240



219, 230, 255



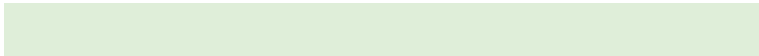
255, 226, 235

Rectangle

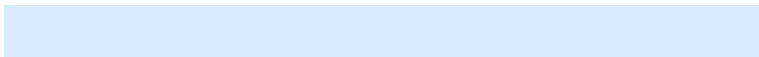
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



231, 245, 210



217, 238, 232



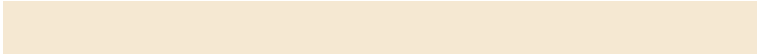
219, 230, 255



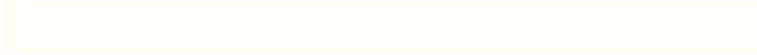
243, 228, 250

Sweetspot

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



231, 245, 210



252, 255, 245



245, 210, 223



126, 128, 121



0, 0, 0



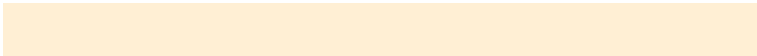
128, 128, 128

Same Dimension

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



231, 245, 210



237, 255, 212



210, 245, 214



116, 122, 110



112, 186, 0



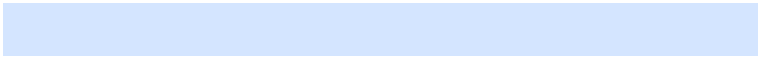
35, 59, 0

Inverse Universe

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



210, 219, 245



212, 224, 255



214, 210, 245



110, 114, 122



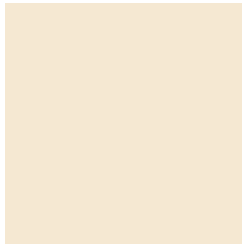
0, 51, 186



0, 16, 59

Previews

White Background



This preview shows how the RYB color 231, 245, 210 looks on a white background.

Color Contrast Check

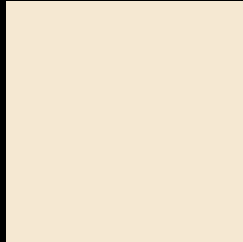
Large Text (above 18pt) WCAG AA × Fail

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 231, 245, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

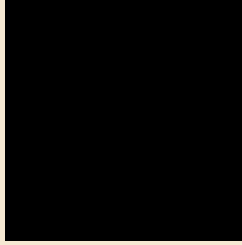
Any Text WCAG AA ✓ Pass

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 231, 245, 210 Background



This preview shows how black text looks on a background with the RYB color 231, 245, 210.

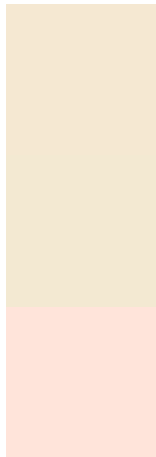


This preview shows how white text looks on a background with the RYB color 231, 245, 210.

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
231, 245, 210

Protanopia
224, 243, 210

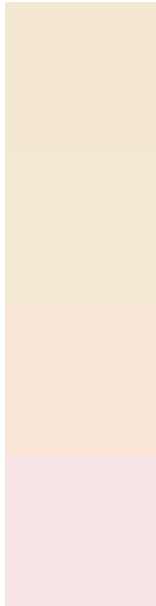
Deuteranopia
255, 232, 218



Tritanopia

250, 227, 245

Trichromacy



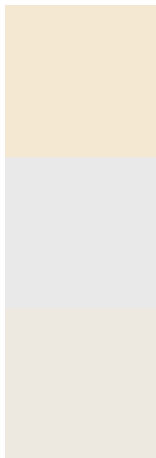
Original Color
231, 245, 210

Protanomaly
226, 244, 210

Deuteranomaly
251, 238, 215

Tritanomaly
248, 229, 232

Monochromacy



Original Color
231, 245, 210

Achromatopsia
233, 233, 233

Achromatomaly
231, 237, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 231, 245, 210 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(245, 232, 210) looks like.

```
.text, #text, p{  
    color:rgb(245, 232, 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(245, 232, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 232, 210) }
```

Border

The CSS property to change the border of an element to RYB 231, 245, 210 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(245, 232, 210) }
```

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

```
.border{ border-color:rgb(245, 232, 210) }
```

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

Here you see how a box with a 4 pixel rgb(245, 232, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 232, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 232, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 232,  
210) }
```

Background

The CSS property to change the background color of an element to RYB 231, 245, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 232, 210) }
```

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

```
.background{ background-color: rgb(245,  
232, 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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