

Converting Colors

`RYB(229, 241, 215)`

Have a look what the booklet for
RYB(229, 241, 215) contains.

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Color

R_YB(229, 241, 215)

Conversions

Conversions Part 1

Format	Color
Hex	F1E8D7
RGB	241, 232, 215
RGB Percent	95%, 91%, 84%
CMY	0.0549, 0.0906, 0.1569
CMYK	0.00, 0.04, 0.11, 0.05
HSL	39°, 48%, 89%
HSV	39°, 11%, 95%
XYZ	77.3698, 81.2640, 75.8977
YIQ	232.7530, 10.8210, -3.3790

Conversions

Conversions Part 2

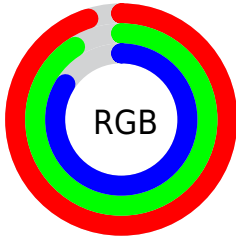
Format	Color
R_{YB}	229, 241, 215
Decimal	15853783
CIE Lab	92.25, 0.26, 9.30
CIE LCh	92, 9.308, 88.379
Yxy	81.2640, 0.3299, 0.3465
Android (android.graphics.Color)	4294043863 (0xFFFF1E8D7)
YUV	232.7530, -8.7522, 7.2326
Hunter-Lab	90.1466, -4.5558, 13.1842

Details

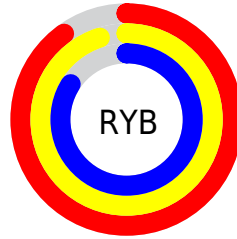
The RYB color **229, 241, 215** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **215, 222, 241**, and the grayscale version is **233, 233, 233**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 185, 160** is the 20% darker color. If you saturate the color by 10%, you get **219, 241, 191**, and if you desaturate by 10%, it is **241, 241, 239**.

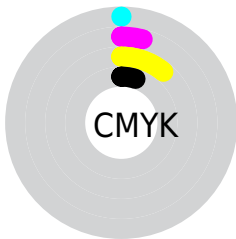
Distribution



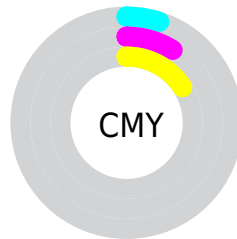
- Red (95%)
- Green (91%)
- Blue (84%)



- Red (90%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 241, 215 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 229, 241, 215 by changing the saturation by 10% instead.

■ 229, 241, 215

255, 255, 255

■ 229, 241, 215

■ 201, 213, 187

■ 174, 185, 160

■ 146, 158, 134

■ 121, 132, 109

■ 96, 106, 85

■ 72, 82, 61

■ 48, 59, 39

■ 28, 37, 19

■ 8, 13, 0

229, 241, 215

229, 241, 215

219, 241, 191

241, 241, 239

207, 241, 167

241, 246, 255

195, 241, 143

241, 248, 255

185, 241, 119

173, 241, 95

162, 241, 70

150, 241, 46

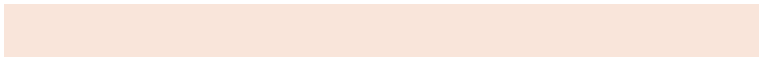
141, 241, 22

129, 241, 0

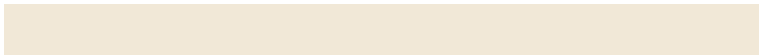
Harmonies

Analogous

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



249, 235, 218



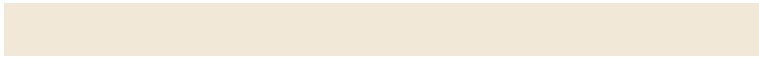
229, 241, 215



217, 235, 221

Triad

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



229, 241, 215



211, 225, 241



244, 228, 242

Complementary

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



229, 241, 215



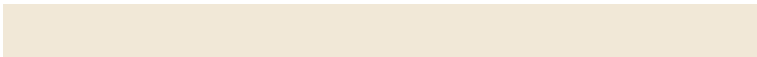
215, 222, 241

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, 248



229, 241, 215



215, 228, 248

Square

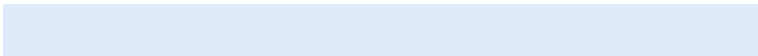
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



229, 241, 215



213, 227, 238



223, 231, 250



251, 227, 234

Rectangle

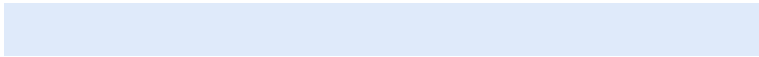
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



229, 241, 215



221, 236, 233



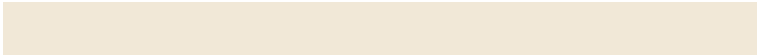
223, 231, 250



241, 229, 245

Sweetspot

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



229, 241, 215



252, 255, 247



241, 215, 224



125, 128, 122



0, 0, 0



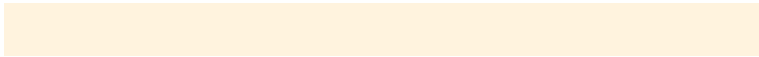
128, 128, 128

Same Dimension

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



229, 241, 215



241, 255, 222



215, 241, 219



114, 120, 108



101, 184, 0



31, 56, 0

Inverse Universe

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



215, 222, 241



222, 230, 255



219, 215, 241



108, 111, 120



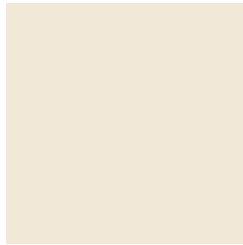
0, 47, 184



0, 15, 56

Previews

White Background



This preview shows how the RYB color 229, 241, 215 looks on a white background.

Color Contrast Check

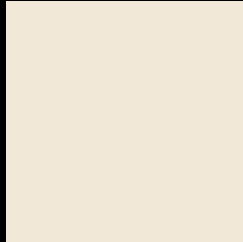
Large Text (above 18pt) WCAG AA × Fail

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 229, 241, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

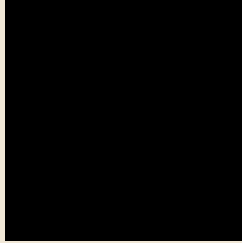
Any Text WCAG AA ✓ Pass

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 229, 241, 215 Background



This preview shows how black text looks on a background with the RYB color 229, 241, 215.

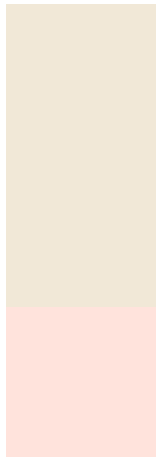


This preview shows how white text looks on a background with the RYB color 229, 241, 215.

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
229, 241, 215

Protanopia
229, 241, 215

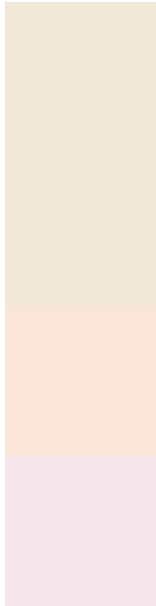
Deuteranopia
255, 229, 220



Tritanopia

245, 227, 245

Trichromacy



Original Color

229, 241, 215

Protanomaly

229, 241, 215

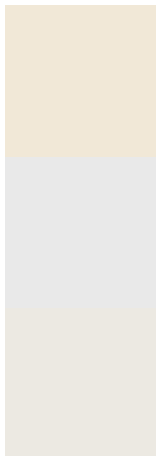
Deuteranomaly

250, 235, 218

Tritanomaly

244, 229, 234

Monochromacy



Original Color

229, 241, 215

Achromatopsia

233, 233, 233

Achromatomaly

230, 236, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 241, 215 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(241, 232, 215) looks like.

```
.text, #text, p{  
    color:rgb(241, 232, 215)  
}
```

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(241, 232, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 232, 215) }
```

Border

The CSS property to change the border of an element to RYB 229, 241, 215 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(241, 232, 215) }
```

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

```
.border{ border-color:rgb(241, 232, 215) }
```

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

Here you see how a box with a 4 pixel rgb(241, 232, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 232, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 232, 215);  
box-shadow:4px 4px 4px 4px rgb(241, 232,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 229, 241, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 232, 215) }
```

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

```
.background{ background-color: rgb(241,  
232, 215) }
```

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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