

Converting Colors

`RYB(236, 241, 208)`

Have a look what the booklet for
RYB(236, 241, 208) contains.

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Color

R_YB(236, 241, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F1E2D0
RGB	241, 226, 208
RGB Percent	95%, 89%, 82%
CMY	0.0549, 0.1143, 0.1843
CMYK	0.00, 0.06, 0.14, 0.05
HSL	32°, 54%, 88%
HSV	32°, 14%, 95%
XYZ	74.8170, 77.5673, 70.7032
YIQ	228.4330, 14.7180, -2.4180

Conversions

Conversions Part 2

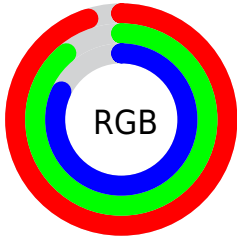
Format	Color
R _Y B	236, 241, 208
Decimal	15852240
CIE Lab	90.58, 2.26, 10.57
CIE LCh	91, 10.810, 77.953
Yxy	77.5673, 0.3354, 0.3477
Android (android.graphics.Color)	4294042320 (0xFFFF1E2D0)
YUV	228.4330, -10.0735, 11.0213
Hunter-Lab	88.0723, -2.4916, 14.0535

Details

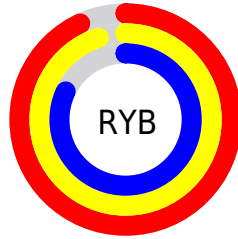
The RYB color **236, 241, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 218, 241**, and the grayscale version is **228, 228, 228**.

A 20% lighter version of the original color is **255, 255, 255**, and **180, 185, 154** is the 20% darker color. If you saturate the color by 10%, you get **232, 241, 184**, and if you desaturate by 10%, it is **239, 241, 232**.

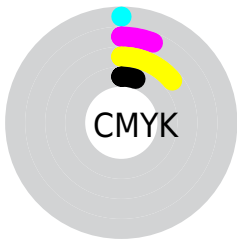
Distribution



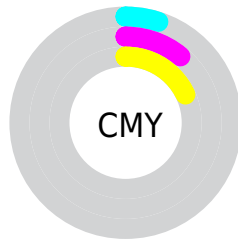
- Red (95%)
- Green (89%)
- Blue (82%)



- Red (93%)
- Yellow (95%)
- Blue (82%)



- Cyan (0%)
- Magenta (6%)
- Yellow (14%)
- Black (5%)



- Cyan (5%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 236, 241, 208 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 236, 241, 208 by changing the saturation by 10% instead.

■ 236, 241, 208

255, 255, 255

■ 236, 241, 208

■ 208, 213, 180

■ 180, 185, 154

■ 154, 158, 128

■ 124, 131, 103

■ 101, 106, 79

■ 78, 82, 56

■ 51, 58, 34

■ 30, 37, 13

■ 9, 0, 0

 236, 241, 208

 236, 241, 208

 232, 241, 184

 239, 241, 232

 228, 241, 160


 241, 246, 255


 224, 241, 136

 241, 248, 255

 221, 241, 112

 217, 241, 88

 215, 241, 63

 211, 241, 39

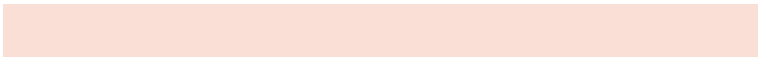
 208, 241, 15

 206, 241, 0

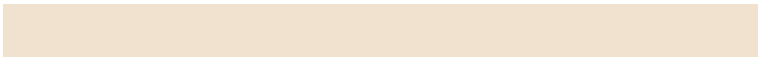
Harmonies

Analogous

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



249, 227, 213



236, 241, 208



209, 230, 208

Triad

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



236, 241, 208



203, 219, 234



238, 224, 242

Complementary

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



236, 241, 208



208, 218, 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.



225, 227, 248



236, 241, 208



204, 221, 243

Square

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



236, 241, 208



208, 224, 234



213, 224, 248



247, 221, 233

Rectangle

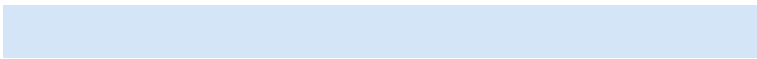
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



236, 241, 208



212, 231, 221



213, 224, 248



234, 225, 244

Sweetspot

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



236, 241, 208



255, 255, 245



241, 208, 223



126, 128, 121



0, 0, 0



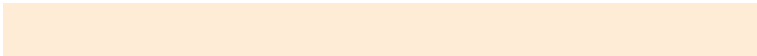
128, 128, 128

Same Dimension

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



236, 241, 208



249, 255, 214



208, 241, 209



120, 120, 108



158, 184, 0



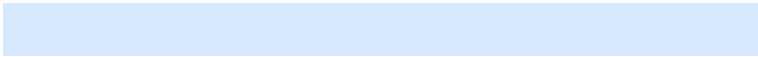
49, 56, 0

Inverse Universe

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



208, 218, 241



214, 227, 255



209, 208, 241



108, 112, 120



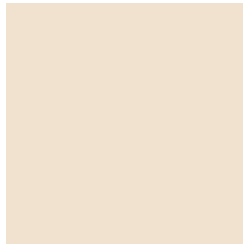
0, 58, 184



0, 18, 56

Previews

White Background



This preview shows how the RYB color 236, 241, 208 looks on a white background.

Color Contrast Check

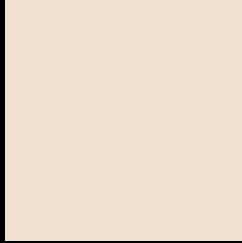
Large Text (above 18pt) WCAG AA × Fail

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 236, 241, 208 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

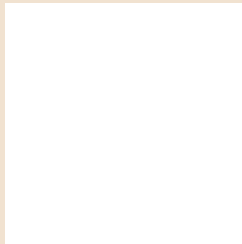
Any Text WCAG AAA ✓ Pass

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

RYP 236, 241, 208 Background



This preview shows how black text looks on a background with the RYP color 236, 241, 208.

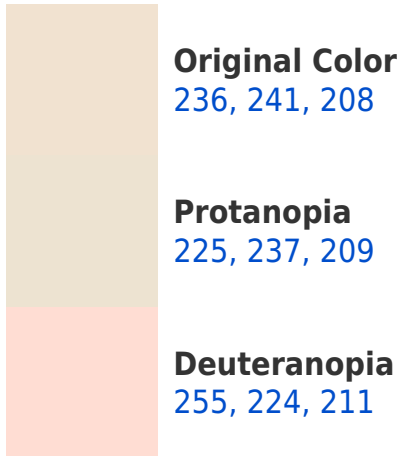


This preview shows how white text looks on a background with the RYP color 236, 241, 208.

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

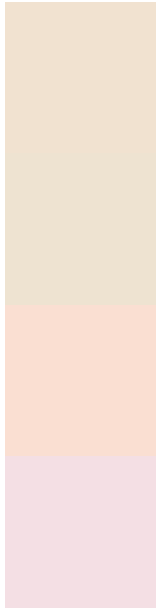




Tritanopia

245, 221, 239

Trichromacy



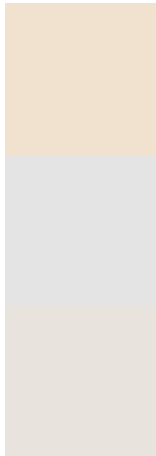
Original Color
236, 241, 208

Protanomaly
227, 238, 209

Deuteranomaly
250, 229, 210

Tritanomaly
244, 223, 228

Monochromacy



Original Color
236, 241, 208

Achromatopsia
228, 228, 228

Achromatomaly
233, 233, 221

CSS Examples

Text

The CSS property to change the color of the text to RYB 236, 241, 208 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, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(241, 226, 208)  
}
```

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, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 226, 208) }
```

Border

The CSS property to change the border of an element to RYB 236, 241, 208 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, 226, 208) }
```

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

```
.border{ border-color:rgb(241, 226, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(241, 226,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 236, 241, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 226, 208) }
```

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

```
.background{ background-color: rgb(241,  
226, 208) }
```

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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