

Converting Colors

`RYB(240, 236, 208)`

Have a look what the booklet for
RYB(240, 236, 208) contains.

RYB(240, 236, 208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(240, 236, 208)$

Conversions

Conversions Part 1

Format	Color
Hex	F0DFD0
RGB	240, 223, 208
RGB Percent	94%, 87%, 82%
CMY	0.0588, 0.1258, 0.1843
CMYK	0.00, 0.07, 0.13, 0.06
HSL	28°, 52%, 88%
HSV	28°, 13%, 94%
XYZ	73.6902, 75.8191, 70.4252
YIQ	226.3730, 14.9470, -1.0610

Conversions

Conversions Part 2

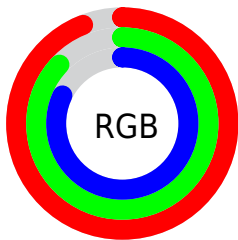
Format	Color
R _Y B	240, 236, 208
Decimal	15785936
CIE Lab	89.78, 3.40, 9.41
CIE LCh	90, 10.005, 70.107
Yxy	75.8191, 0.3351, 0.3447
Android (android.graphics.Color)	4293976016 (0xFFFF0DFD0)
YUV	226.3730, -9.0579, 11.9509
Hunter-Lab	87.0741, -1.3165, 12.9984

Details

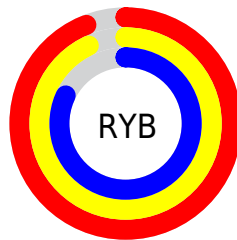
The RYB color **240, 236, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 219, 240**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is 255, 255, 255, and **184, 180, 154** is the 20% darker color. If you saturate the color by 10%, you get **240, 233, 184**, and if you desaturate by 10%, it is **240, 240, 232**.

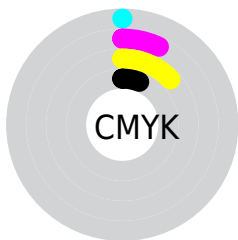
Distribution



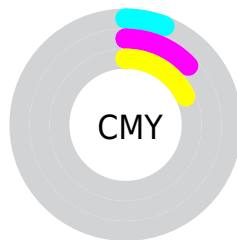
- Red (94%)
- Green (87%)
- Blue (82%)



- Red (94%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 236, 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 240, 236, 208 by changing the saturation by 10% instead.

■ 240, 236, 208

255, 255, 255

■ 240, 236, 208

■ 212, 208, 180

■ 184, 180, 154

■ 157, 152, 128

■ 131, 127, 103

■ 105, 101, 79

■ 81, 79, 56

■ 58, 58, 34

■ 34, 36, 13

■ 6, 0, 0

 240, 236, 208

 240, 236, 208

 240, 233, 184

 240, 240, 232


 240, 229, 160


 240, 246, 255


 240, 229, 136


 240, 248, 255

 240, 225, 112

 240, 221, 88

 240, 218, 64

 240, 214, 40

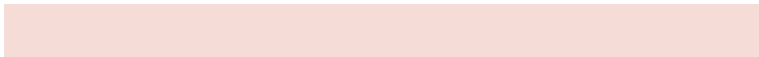
 240, 214, 16

 240, 210, 0

Harmonies

Analogous

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



246, 221, 214



240, 236, 208



212, 230, 207

Triad

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



240, 236, 208



203, 218, 232



232, 222, 240

Complementary

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



240, 236, 208



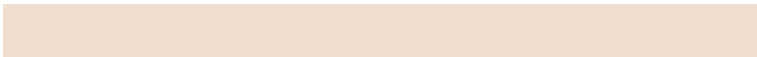
208, 219, 240

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.



220, 224, 244



240, 236, 208



203, 219, 238

Square

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



240, 236, 208



209, 224, 231



209, 221, 243



241, 220, 232

Rectangle

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



240, 236, 208



209, 228, 214



209, 221, 243



228, 223, 242

Sweetspot

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



240, 236, 208



255, 255, 245



240, 208, 225



128, 126, 121



0, 0, 0



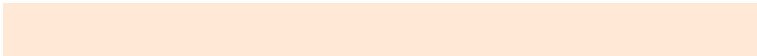
128, 128, 128

Same Dimension

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



240, 236, 208



255, 249, 214



209, 240, 208



120, 117, 108



184, 161, 0



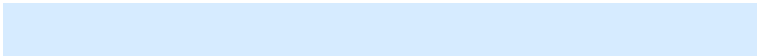
56, 49, 0

Inverse Universe

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



208, 219, 240



214, 228, 255



208, 209, 240



108, 112, 120



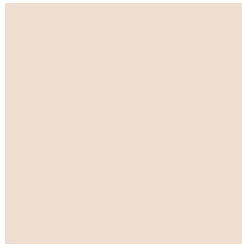
0, 64, 184



0, 20, 56

Previews

White Background



This preview shows how the RYB color 240, 236, 208 looks on a white background.

Color Contrast Check

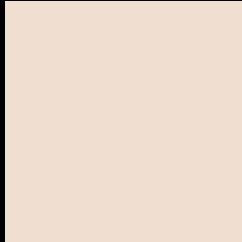
Large Text (above 18pt) WCAG AA × Fail

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 240, 236, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

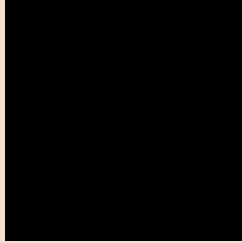
Any Text WCAG AA ✓ Pass

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](#).

RYB 240, 236, 208 Background



This preview shows how black text looks on a background with the RYB color 240, 236, 208.

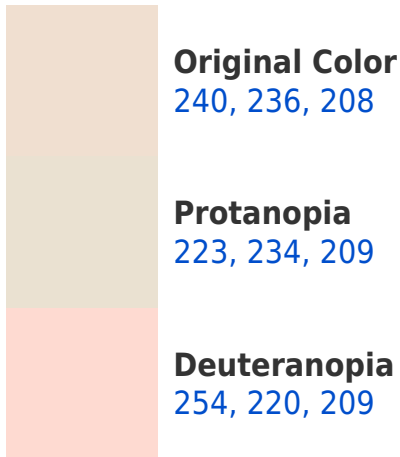



This preview shows how white text looks on a background with the RYB color 240, 236, 208.

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

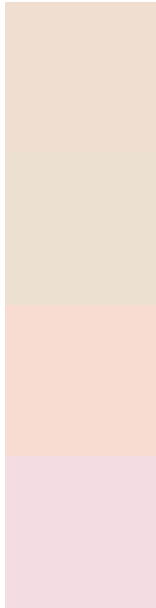




Tritanopia

244, 219, 236

Trichromacy



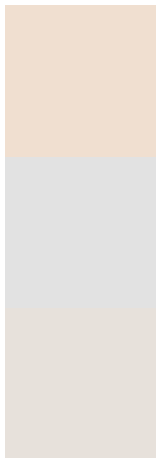
Original Color
240, 236, 208

Protanomaly
231, 236, 209

Deuteranomaly
249, 224, 209

Tritanomaly
243, 220, 226

Monochromacy



Original Color
240, 236, 208

Achromatopsia
226, 226, 226

Achromatomaly
231, 231, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 236, 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(240, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 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(240, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 208) }
```

Border

The CSS property to change the border of an element to RYB 240, 236, 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(240, 223, 208) }
```

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

```
.border{ border-color:rgb(240, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 240, 236, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 208) }
```

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

```
.background{ background-color: rgb(240,  
223, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor