

Converting Colors

`RYB(224, 236, 208)`

Have a look what the booklet for
RYB(224, 236, 208) contains.

RYB(224, 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

R_YB(224, 236, 208)

Conversions

Conversions Part 1

Format	Color
Hex	ECE2D0
RGB	236, 226, 208
RGB Percent	93%, 89%, 82%
CMY	0.0745, 0.1144, 0.1843
CMYK	0.00, 0.04, 0.12, 0.07
HSL	38°, 42%, 87%
HSV	38°, 12%, 93%
XYZ	73.1242, 76.6808, 70.6213
YIQ	226.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

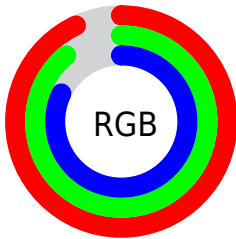
Format	Color
RYB	224, 236, 208
Decimal	15524560
CIELab	90.17, 0.50, 9.94
CIELCh	90, 9.949, 87.093
Yxy	76.6808, 0.3317, 0.3479
Android (android.graphics.Color)	4293714640 (0xFFECE2D0)
YUV	226.9380, -9.3364, 7.9474
Hunter-Lab	87.5676, -4.1851, 13.4812

Details

The RYB color **224, 236, 208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **208, 215, 236**, and the grayscale version is **227, 227, 227**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 180, 154** is the 20% darker color. If you saturate the color by 10%, you get **214, 236, 184**, and if you desaturate by 10%, it is **236, 236, 232**.

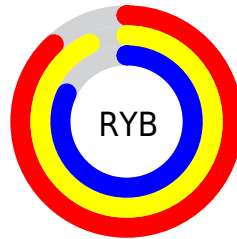
Distribution



Red (93%)

Green (89%)

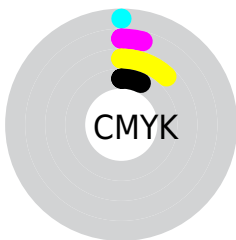
Blue (82%)



Red (88%)

Yellow (93%)

Blue (82%)

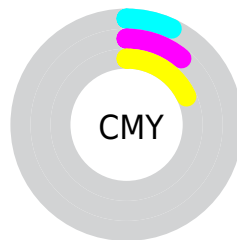


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (7%)



Cyan (7%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 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 224, 236, 208 by changing the saturation by 10% instead.

■ 224, 236, 208

255, 255, 255

■ 224, 236, 208

■ 196, 208, 180

■ 168, 180, 154

■ 142, 153, 128

■ 117, 127, 103

■ 91, 102, 79

■ 69, 78, 56

■ 45, 55, 34

■ 22, 33, 13

■ 2, 0, 0

 224, 236, 208

 224, 236, 208

 214, 236, 184

 236, 236, 232

 203, 236, 161


 236, 241, 255


 194, 236, 137


 236, 245, 255


 185, 236, 114

 236, 246, 255

 173, 236, 90

 164, 236, 66

 153, 236, 43

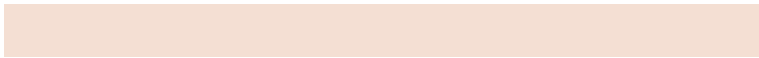
 143, 236, 19

 135, 236, 0

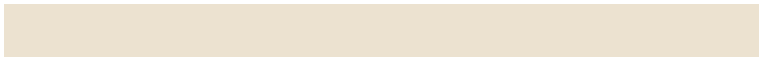
Harmonies

Analogous

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



244, 230, 211



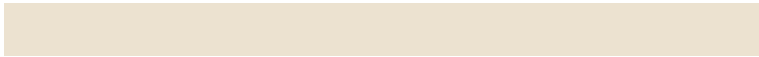
224, 236, 208



210, 229, 214

Triad

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



224, 236, 208



204, 219, 235



239, 222, 237

Complementary

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



224, 236, 208



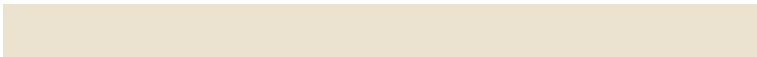
208, 215, 236

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.



228, 225, 244



224, 236, 208



207, 221, 242

Square

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



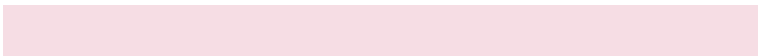
224, 236, 208



206, 222, 233



216, 225, 246



246, 221, 228

Rectangle

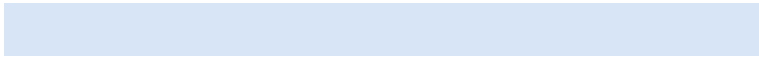
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224, 236, 208



214, 231, 227



216, 225, 246



235, 223, 240

Sweetspot

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



224, 236, 208



252, 255, 245



236, 208, 218



126, 128, 121



0, 0, 0



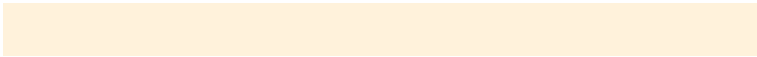
128, 128, 128

Same Dimension

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



224, 236, 208



239, 255, 219



208, 236, 212



112, 117, 106



104, 181, 0



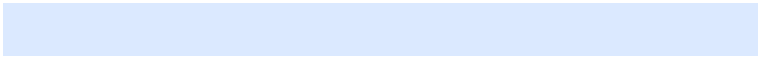
32, 54, 0

Inverse Universe

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



208, 215, 236



219, 229, 255



212, 208, 236



106, 109, 117



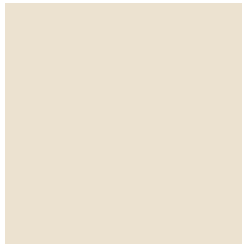
0, 48, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 224, 236, 208 looks on a white background.

Color Contrast Check

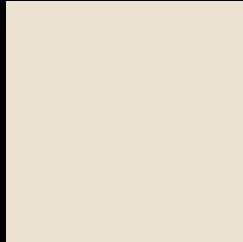
Large Text (above 18pt) WCAG AA × Fail

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 224, 236, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

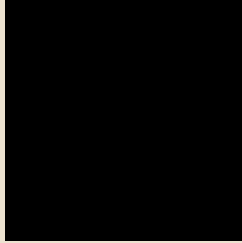
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

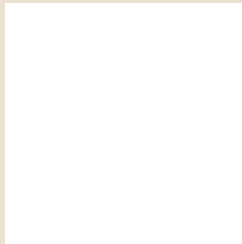
Any Text WCAG AAA ✓ Pass

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

RYB 224, 236, 208 Background



This preview shows how black text looks on a background with the RYB color 224, 236, 208.

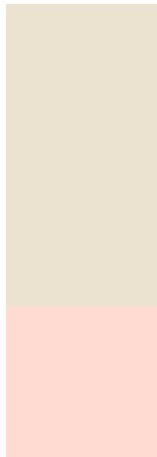


This preview shows how white text looks on a background with the RYB color 224, 236, 208.

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



Original Color
224, 236, 208

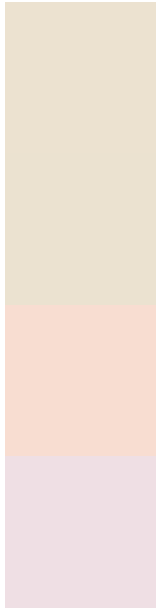
Protanopia
222, 235, 208

Deuteranopia
255, 221, 210



Tritanopia
240, 221, 239

Trichromacy



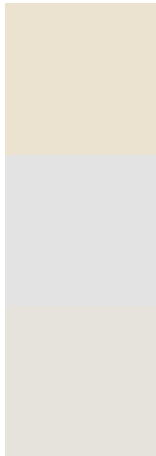
Original Color
224, 236, 208

Protanomaly
222, 235, 208

Deuteranomaly
248, 226, 209

Tritanomaly
239, 223, 228

Monochromacy



Original Color
224, 236, 208

Achromatopsia
227, 227, 227

Achromatomaly
224, 230, 220

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 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(236, 226, 208) looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 226, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 208) }
```

Border

The CSS property to change the border of an element to RYB 224, 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(236, 226, 208) }
```

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

```
.border{ border-color:rgb(236, 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(236, 226, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 208);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
208) }
```

Background

The CSS property to change the background color of an element to RGB 224, 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(236, 226, 208) }
```

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

```
.background{ background-color: rgb(236,  
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](#).

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