

Converting Colors

`RYB(225, 237, 194)`

Have a look what the booklet for
RYB(225, 237, 194) contains.

RYB(225, 237, 194)	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

RYB(225, 237, 194)

Conversions

Conversions Part 1

Format	Color
Hex	EDDBC2
RGB	237, 219, 194
RGB Percent	93%, 86%, 76%
CMY	0.0706, 0.1412, 0.2392
CMYK	0.00, 0.08, 0.18, 0.07
HSL	35°, 54%, 85%
HSV	35°, 18%, 93%
XYZ	69.9906, 72.5556, 61.3547
YIQ	221.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

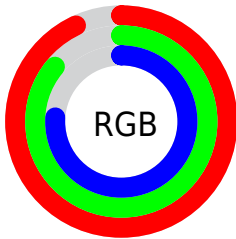
Format	Color
RYB	225, 237, 194
Decimal	15588290
CIELab	88.24, 2.22, 14.52
CIElCh	88, 14.692, 81.297
Yxy	72.5556, 0.3433, 0.3558
Android (android.graphics.Color)	4293778370 (0xFFEDDBC2)
YUV	221.5320, -13.5733, 13.5654
Hunter-Lab	85.1795, -2.3937, 16.9192

Details

The RYB color **225, 237, 194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **194, 207, 237**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **251, 255, 251**, and **169, 181, 140** is the 20% darker color. If you saturate the color by 10%, you get **218, 237, 170**, and if you desaturate by 10%, it is **232, 237, 218**.

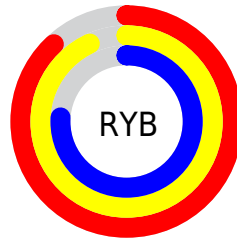
Distribution



Red (93%)

Green (86%)

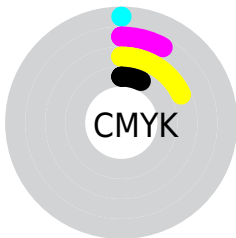
Blue (76%)



Red (88%)

Yellow (93%)

Blue (76%)

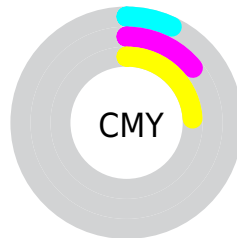


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (7%)



Cyan (7%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 237, 194 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 225, 237, 194 by changing the saturation by 10% instead.

 225, 237, 194


255, 255, 255

 251, 255, 251


 225, 237, 194

 199, 209, 167


 169, 181, 140


 142, 154, 115

 118, 128, 90

 90, 102, 67

 65, 78, 44

 41, 54, 24

 19, 34, 0

 0, 0, 0

■ 225, 237, 194

■ 225, 237, 194

■ 218, 237, 170

■ 232, 237, 218

■ 213, 237, 147

■ 237, 238, 241

■ 206, 237, 123

■ 237, 244, 255

■ 199, 237, 99

■ 237, 246, 255

■ 192, 237, 75

■ 187, 237, 52

■ 180, 237, 28

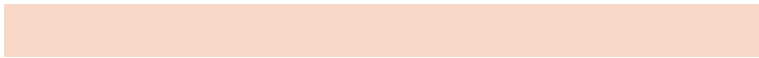
■ 170, 237, 4

■ 170, 237, 0

Harmonies

Analogous

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



248, 222, 200



225, 237, 194



195, 224, 197

Triad

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



225, 237, 194



186, 208, 231



236, 215, 239

Complementary

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



225, 237, 194



194, 207, 237

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.



219, 219, 247



225, 237, 194



189, 212, 243

Square

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



225, 237, 194



193, 215, 229



202, 217, 249



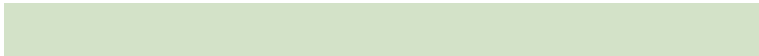
248, 212, 226

Rectangle

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



225, 237, 194



200, 226, 215



202, 217, 249



231, 216, 242

Sweetspot

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



225, 237, 194



250, 255, 242



237, 194, 213



128, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



225, 237, 194



241, 255, 199



194, 237, 197



115, 117, 106



131, 181, 0



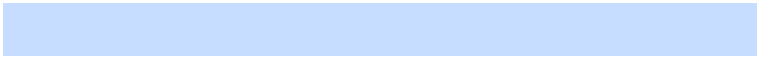
40, 54, 0

Inverse Universe

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



194, 207, 237



199, 215, 255



197, 194, 237



106, 109, 117



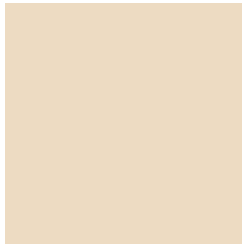
0, 54, 181



0, 16, 54

Previews

White Background



This preview shows how the RYB color 225, 237, 194 looks on a white background.

Color Contrast Check

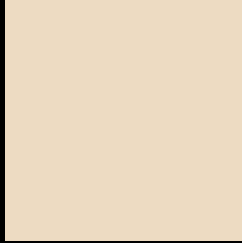
Large Text (above 18pt) WCAG AA × Fail

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 225, 237, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

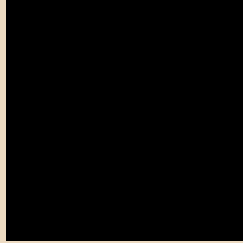
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

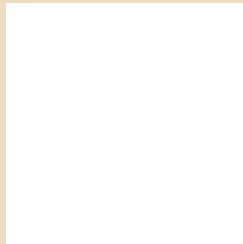
Any Text WCAG AAA ✓ Pass

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

RYB 225, 237, 194 Background



This preview shows how black text looks on a background with the RYB color 225, 237, 194.

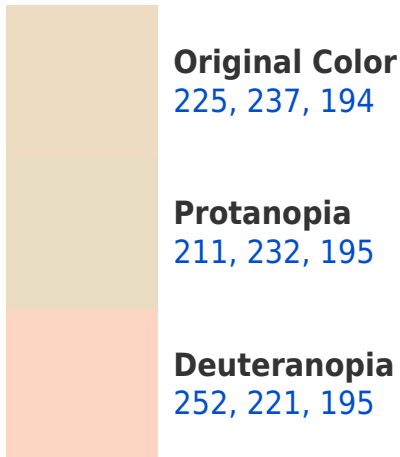


This preview shows how white text looks on a background with the RYB color 225, 237, 194.

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
242, 214, 230

Trichromacy



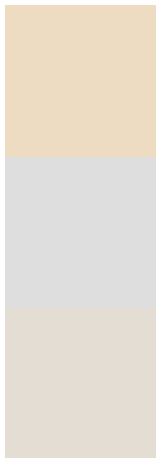
Original Color
225, 237, 194

Protanomaly
217, 234, 195

Deuteranomaly
247, 228, 195

Tritanomaly
240, 216, 217

Monochromacy



Original Color
225, 237, 194

Achromatopsia
222, 222, 222

Achromatomaly
222, 227, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 237, 194 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(237, 219, 194) looks like.

```
.text, #text, p{  
    color:rgb(237, 219, 194)  
}
```

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(237, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 219, 194) }
```

Border

The CSS property to change the border of an element to RYB 225, 237, 194 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(237, 219, 194) }
```

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

```
.border{ border-color:rgb(237, 219, 194) }
```

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

Here you see how a box with a 4 pixel rgb(237, 219, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 219,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 225, 237, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 219, 194) }
```

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

```
.background{ background-color: rgb(237,  
219, 194) }
```

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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