

Converting Colors

`RYB(223, 235, 192)`

Have a look what the booklet for
RYB(223, 235, 192) contains.

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Color

R_YB(223, 235, 192)

Conversions

Conversions Part 1

Format	Color
Hex	EBD9C0
RGB	235, 217, 192
RGB Percent	92%, 85%, 75%
CMY	0.0784, 0.1491, 0.2471
CMYK	0.00, 0.08, 0.18, 0.08
HSL	35°, 52%, 84%
HSV	35°, 18%, 92%
XYZ	68.5847, 71.0867, 59.9755
YIQ	219.5320, 18.7530, -3.9590

Conversions

Conversions Part 2

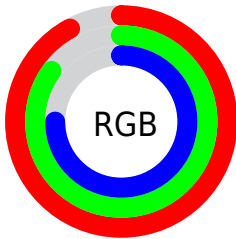
Format	Color
R_{YB}	223, 235, 192
Decimal	15456704
CIE _{Lab}	87.53, 2.23, 14.55
CIE _{LCh}	88, 14.719, 81.278
Yxy	71.0867, 0.3435, 0.3561
Android (android.graphics.Color)	4293646784 (0xFFEBD9C0)
YUV	219.5320, -13.5733, 13.5654
Hunter-Lab	84.3129, -2.3459, 16.8435

Details

The RYB color **223, 235, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **192, 205, 235**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **248, 255, 248**, and **167, 179, 138** is the 20% darker color. If you saturate the color by 10%, you get **218, 235, 169**, and if you desaturate by 10%, it is **230, 235, 216**.

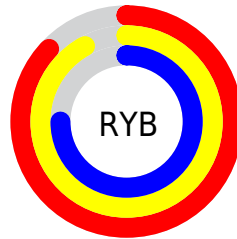
Distribution



Red (92%)

Green (85%)

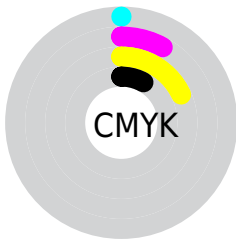
Blue (75%)



Red (87%)

Yellow (92%)

Blue (75%)

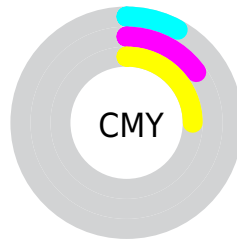


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 235, 192 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 223, 235, 192 by changing the saturation by 10% instead.

 223, 235, 192


255, 255, 255


 248, 255, 248

 223, 235, 192

 197, 207, 165

 167, 179, 138

 140, 152, 113

 113, 126, 88

 88, 100, 65

 64, 76, 43

 42, 53, 22

 17, 32, 0

 0, 0, 0

 223, 235, 192

 223, 235, 192

 218, 235, 169


 230, 235, 216

 211, 235, 145


 235, 236, 239


 205, 235, 122

 235, 243, 255


 196, 235, 98

 235, 245, 255

 190, 235, 75

 183, 235, 51

 177, 235, 27

 171, 235, 4

 168, 235, 0

Harmonies

Analogous

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



246, 220, 198



223, 235, 192



193, 222, 195

Triad

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



223, 235, 192



184, 206, 229



234, 213, 237

Complementary

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



223, 235, 192



192, 205, 235

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.



217, 217, 245



223, 235, 192



187, 210, 241

Square

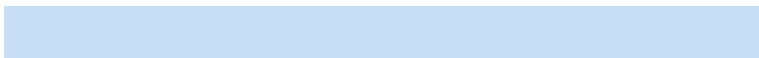
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



223, 235, 192



190, 212, 227



200, 215, 247



246, 210, 224

Rectangle

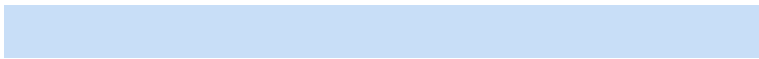
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



223, 235, 192



198, 224, 213



200, 215, 247



229, 214, 240

Sweetspot

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



223, 235, 192



250, 255, 242



235, 192, 211



128, 128, 120



0, 0, 0



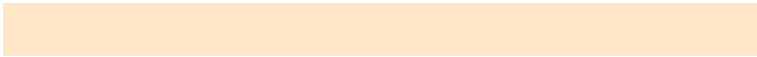
128, 128, 128

Same Dimension

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



223, 235, 192



241, 255, 199



192, 235, 195



115, 117, 106



131, 181, 0



40, 54, 0

Inverse Universe

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



192, 205, 235



199, 215, 255



195, 192, 235



106, 109, 117



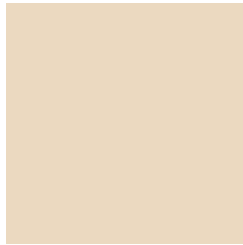
0, 54, 181



0, 16, 54

Previews

White Background



This preview shows how the RYB color 223, 235, 192 looks on a white background.

Color Contrast Check

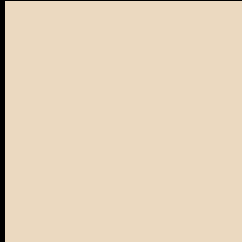
Large Text (above 18pt) WCAG AA × Fail

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 223, 235, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

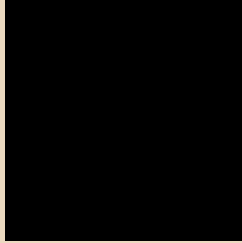
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

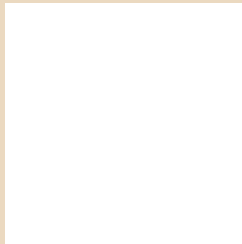
Any Text WCAG AAA ✓ Pass

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

RYB 223, 235, 192 Background



This preview shows how black text looks on a background with the RYB color 223, 235, 192.

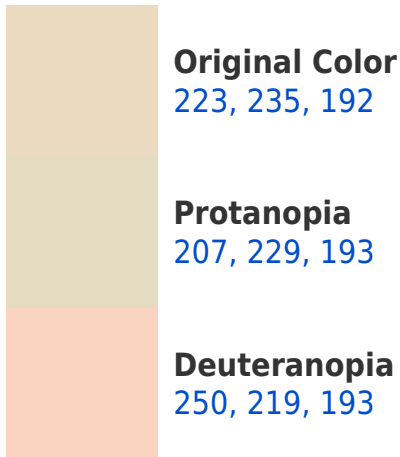


This preview shows how white text looks on a background with the RYB color 223, 235, 192.

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
240, 212, 228

Trichromacy



Original Color

223, 235, 192

Protanomaly

213, 231, 193

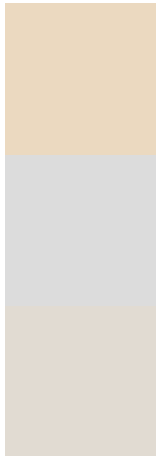
Deuteranomaly

245, 226, 193

Tritanomaly

238, 214, 215

Monochromacy



Original Color

223, 235, 192

Achromatopsia

220, 220, 220

Achromatomaly

220, 225, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 235, 192 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(235, 217, 192) looks like.

```
.text, #text, p{  
    color:rgb(235, 217, 192)  
}
```

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(235, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 217, 192) }
```

Border

The CSS property to change the border of an element to RYB 223, 235, 192 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(235, 217, 192) }
```

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

```
.border{ border-color:rgb(235, 217, 192) }
```

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

Here you see how a box with a 4 pixel rgb(235, 217, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(235, 217,  
192) }
```

Background

The CSS property to change the background color of an element to RGB 235, 217, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 217, 192) }
```

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

```
.background{ background-color: rgb(235,  
217, 192) }
```

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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