

Converting Colors

`RYB(217, 234, 195)`

Have a look what the booklet for
RYB(217, 234, 195) contains.

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Color

R_YB(217, 234, 195)

Conversions

Conversions Part 1

Format	Color
Hex	EADCC3
RGB	234, 220, 195
RGB Percent	92%, 86%, 76%
CMY	0.0824, 0.1375, 0.2353
CMYK	0.00, 0.06, 0.17, 0.08
HSL	38°, 48%, 84%
HSV	38°, 17%, 92%
XYZ	69.3580, 72.5845, 61.9844
YIQ	221.3360, 16.3690, -4.8070

Conversions

Conversions Part 2

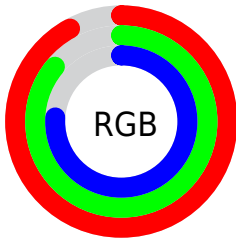
Format	Color
R_{YB}	217, 234, 195
Decimal	15391939
CIE Lab	88.25, 0.80, 13.98
CIE LCh	88, 14.006, 86.731
Yxy	72.5845, 0.3401, 0.3559
Android (android.graphics.Color)	4293582019 (0xFFEADCC3)
YUV	221.3360, -12.9836, 11.1063
Hunter-Lab	85.1966, -3.7782, 16.5014

Details

The RYB color **217, 234, 195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **195, 205, 234**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **252, 255, 252**, and **161, 178, 141** is the 20% darker color. If you saturate the color by 10%, you get **209, 234, 172**, and if you desaturate by 10%, it is **228, 234, 218**.

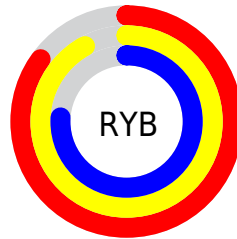
Distribution



Red (92%)

Green (86%)

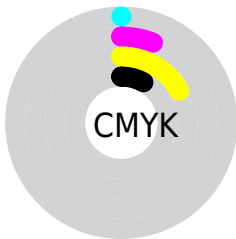
Blue (76%)



Red (85%)

Yellow (92%)

Blue (76%)

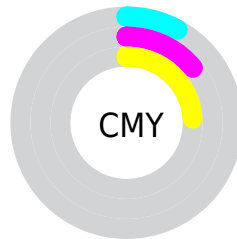


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (8%)



Cyan (8%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 234, 195 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 217, 234, 195 by changing the saturation by 10% instead.


 217, 234, 195


255, 255, 255

252, 255, 252

 217, 234, 195

 190, 206, 168

 161, 178, 141

 134, 151, 116

 110, 125, 91

 85, 100, 68

 60, 76, 45

 35, 52, 24

 13, 32, 0

 0, 0, 0

■ 217, 234, 195

■ 217, 234, 195

■ 209, 234, 172

■ 228, 234, 218

■ 196, 234, 148

■ 234, 236, 242

■ 186, 234, 125

■ 234, 241, 255

■ 176, 234, 101

■ 234, 244, 255

■ 165, 234, 78

■ 234, 245, 255

■ 157, 234, 55

■ 145, 234, 31

■ 137, 234, 8

■ 131, 234, 0

Harmonies

Analogous

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



245, 225, 200



217, 234, 195



198, 224, 203

Triad

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



217, 234, 195



188, 209, 233



238, 215, 236

Complementary

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



217, 234, 195



195, 205, 234

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.



222, 218, 245



217, 234, 195



193, 213, 243

Square

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



217, 234, 195



192, 213, 229



206, 218, 248



248, 213, 223

Rectangle

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



217, 234, 195



203, 227, 221



206, 218, 248



233, 216, 240

Sweetspot

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



217, 234, 195



250, 255, 242



234, 195, 209



125, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



217, 234, 195



232, 255, 204



195, 234, 200



112, 117, 106



101, 181, 0



32, 54, 0

Inverse Universe

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



195, 205, 234



204, 217, 255



200, 195, 234



106, 109, 117



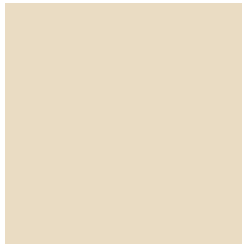
0, 48, 181



0, 14, 54

Previews

White Background



This preview shows how the RYB color 217, 234, 195 looks on a white background.

Color Contrast Check

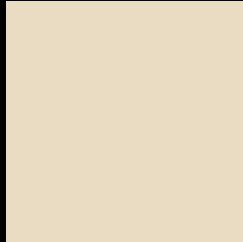
Large Text (above 18pt) WCAG AA × Fail

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 217, 234, 195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

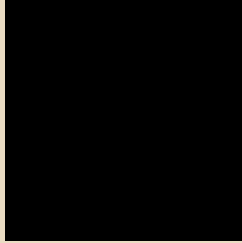
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

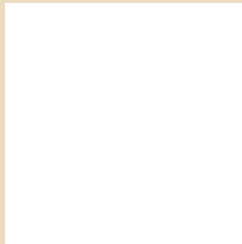
Any Text WCAG AAA ✓ Pass

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

RYB 217, 234, 195 Background



This preview shows how black text looks on a background with the RYB color 217, 234, 195.

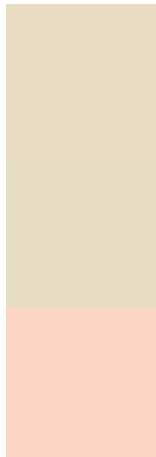


This preview shows how white text looks on a background with the RYB color 217, 234, 195.

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
217, 234, 195

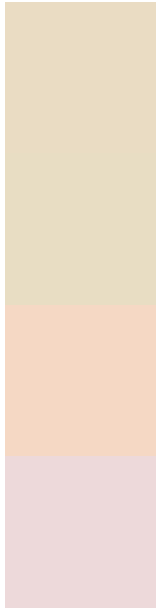
Protanopia
209, 231, 195

Deuteranopia
252, 220, 196



Tritanopia
239, 215, 231

Trichromacy



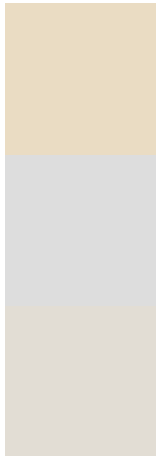
Original Color
217, 234, 195

Protanomaly
211, 232, 195

Deuteranomaly
245, 230, 196

Tritanomaly
237, 217, 218

Monochromacy



Original Color
217, 234, 195

Achromatopsia
221, 221, 221

Achromatomaly
220, 226, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 234, 195 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(234, 220, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 220, 195)  
}
```

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(234, 220, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 220, 195) }
```

Border

The CSS property to change the border of an element to RYB 217, 234, 195 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(234, 220, 195) }
```

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

```
.border{ border-color:rgb(234, 220, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 220, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 220, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 220, 195); box-shadow:4px 4px 4px 4px rgb(234, 220, 195) }
```

Background

The CSS property to change the background color of an element to RGB 234, 220, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 220, 195) }
```

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

```
.background{ background-color: rgb(234,  
220, 195) }
```

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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