

Converting Colors

`RYB(234, 216, 177)`

Have a look what the booklet for
RYB(234, 216, 177) contains.

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Color

R_YB(234, 216, 177)

Conversions

Conversions Part 1

Format	Color
Hex	EAC8B1
RGB	234, 200, 177
RGB Percent	92%, 78%, 69%
CMY	0.0824, 0.2151, 0.3059
CMYK	0.00, 0.14, 0.24, 0.08
HSL	24°, 58%, 81%
HSV	24°, 24%, 92%
XYZ	62.5580, 62.0477, 50.2742
YIQ	207.5440, 27.6470, 0.0550

Conversions

Conversions Part 2

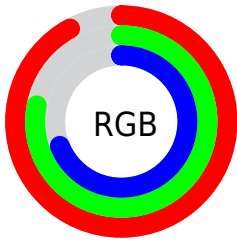
Format	Color
R _Y B	234, 216, 177
Decimal	15386801
CIE Lab	82.94, 8.47, 16.00
CIE LCh	83, 18.105, 62.112
Yxy	62.0477, 0.3577, 0.3548
Android (android.graphics.Color)	4293576881 (0xFFEAC8B1)
YUV	207.5440, -15.0582, 23.2019
Hunter-Lab	78.7704, 3.9133, 17.2982

Details

The RYB color **234, 216, 177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **177, 198, 234**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **233, 255, 233**, and **178, 161, 124** is the 20% darker color. If you saturate the color by 10%, you get **234, 207, 154**, and if you desaturate by 10%, it is **234, 224, 200**.

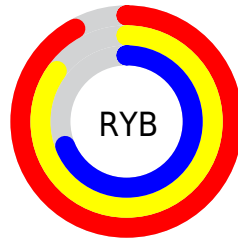
Distribution



Red (92%)

Green (78%)

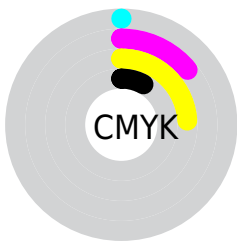
Blue (69%)



Red (92%)

Yellow (85%)

Blue (69%)

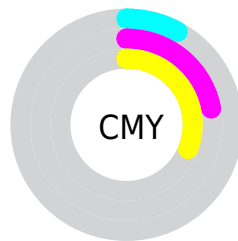


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (8%)



Cyan (8%)

Magenta (22%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 234, 216, 177 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 234, 216, 177 by changing the saturation by 10% instead.

 234, 216, 177

255, 255, 255

 233, 255, 233

 234, 216, 177

 205, 190, 150

 178, 161, 124

 150, 138, 99

 124, 112, 75

 98, 86, 53

 74, 65, 31

 50, 46, 8

 28, 5, 0

 0, 0, 0

 234, 216, 177


 234, 216, 177

 234, 207, 154

 234, 224, 200

 234, 200, 130

 234, 231, 224

 234, 192, 107

 234, 239, 247

 234, 188, 83

 234, 245, 255

 234, 180, 60

 234, 172, 37

 234, 165, 13

 234, 160, 0

Harmonies

Analogous

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



242, 197, 189



234, 216, 177



191, 219, 173

Triad

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



234, 216, 177



166, 194, 217



211, 202, 235

Complementary

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



234, 216, 177



177, 198, 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.



189, 203, 240



234, 216, 177



162, 191, 224

Square

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



234, 216, 177



181, 208, 215



171, 197, 236



230, 197, 223

Rectangle

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



234, 216, 177



175, 209, 178



171, 197, 236



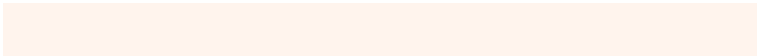
204, 204, 238

Sweetspot

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



234, 216, 177



255, 248, 237



234, 177, 211



128, 123, 117



0, 0, 0



128, 128, 128

Same Dimension

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



234, 216, 177



255, 231, 181



184, 234, 177



117, 112, 106



181, 125, 0



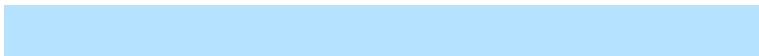
54, 37, 0

Inverse Universe

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



177, 198, 234



181, 209, 255



177, 182, 234



106, 110, 117



0, 67, 181



0, 20, 54

Previews

White Background



This preview shows how the RYB color 234, 216, 177 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 234, 216, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

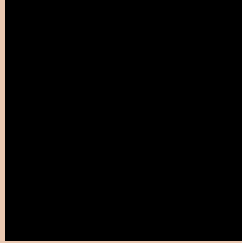
Any Text WCAG AA ✓ Pass

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](#).

R Y B 234, 216, 177 Background



This preview shows how black text looks on a background with the R Y B color 234, 216, 177.






This preview shows how white text looks on a background with the R Y B color 234, 216, 177.

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](#).

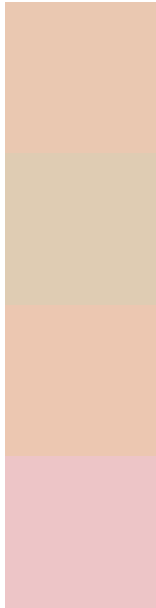
Dichromacy

	Original Color 234, 216, 177
	Protanopia 196, 217, 180
	Deuteranopia 237, 212, 177



Tritanopia
238, 195, 211

Trichromacy



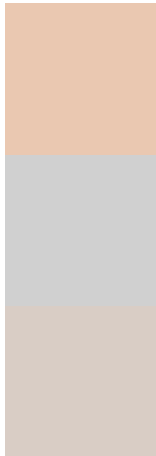
Original Color
234, 216, 177

Protanomaly
212, 223, 179

Deuteranomaly
236, 212, 177

Tritanomaly
237, 197, 199

Monochromacy



Original Color
234, 216, 177

Achromatopsia
208, 208, 208

Achromatomaly
217, 210, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 234, 216, 177 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, 200, 177)` looks like.

```
.text, #text, p{  
    color:rgb(234, 200, 177)  
}
```

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, 200, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 200, 177) }
```

Border

The CSS property to change the border of an element to RYB 234, 216, 177 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, 200, 177) }
```

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

```
.border{ border-color:rgb(234, 200, 177) }
```

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

Here you see how a box with a 4 pixel rgb(234, 200, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 200, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 200, 177);  
box-shadow:4px 4px 4px 4px rgb(234, 200,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 234, 216, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 200, 177) }
```

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

```
.background{ background-color: rgb(234,  
200, 177) }
```

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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