

Converting Colors

`RYB(217, 224, 200)`

Have a look what the booklet for
RYB(217, 224, 200) contains.

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Color

R_YB(217, 224, 200)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6C8
RGB	224, 214, 200
RGB Percent	88%, 84%, 78%
CMY	0.1216, 0.1606, 0.2157
CMYK	0.00, 0.04, 0.11, 0.12
HSL	35°, 28%, 83%
HSV	35°, 11%, 88%
XYZ	65.2247, 68.1353, 64.3573
YIQ	215.3940, 10.4540, -2.2340

Conversions

Conversions Part 2

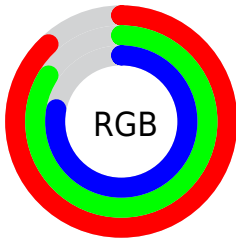
Format	Color
R _Y B	217, 224, 200
Decimal	14735048
CIE Lab	86.07, 1.05, 8.14
CIE LCh	86, 8.212, 82.663
Yxy	68.1353, 0.3299, 0.3446
Android (android.graphics.Color)	4292925128 (0xFFE0D6C8)
YUV	215.3940, -7.5892, 7.5475
Hunter-Lab	82.5441, -3.4050, 11.5541

Details

The RYB color **217, 224, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 207, 224**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 169, 146** is the 20% darker color. If you saturate the color by 10%, you get **210, 224, 178**, and if you desaturate by 10%, it is **224, 224, 222**.

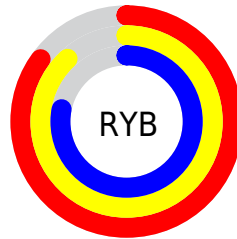
Distribution



Red (88%)

Green (84%)

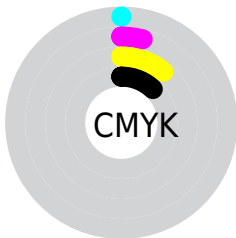
Blue (78%)



Red (85%)

Yellow (88%)

Blue (78%)

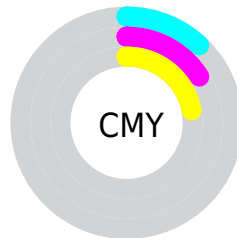


Cyan (0%)

Magenta (4%)

Yellow (11%)

Black (12%)



Cyan (12%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 224, 200 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, 224, 200 by changing the saturation by 10% instead.

■ 217, 224, 200

255, 255, 255

■ 217, 224, 200

■ 191, 196, 173

■ 164, 169, 146

■ 135, 142, 120

■ 112, 117, 96

■ 85, 92, 72

■ 60, 68, 49

■ 39, 46, 28

■ 14, 26, 2

■ 0, 0, 0

 217, 224, 200

 217, 224, 200

 210, 224, 178

 224, 224, 222

 205, 224, 155


 224, 230, 245

 198, 224, 133


 224, 235, 255


 190, 224, 110

 224, 238, 255

 183, 224, 88

 224, 240, 255

 179, 224, 66

 171, 224, 43

 164, 224, 21

 159, 224, 0

Harmonies

Analogous

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



230, 217, 203



217, 224, 200



201, 217, 203

Triad

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



217, 224, 200



196, 208, 221



224, 212, 225

Complementary

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



217, 224, 200



200, 207, 224

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.



215, 214, 230



217, 224, 200



199, 211, 227

Square

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



217, 224, 200



199, 212, 220



205, 213, 230



230, 210, 217

Rectangle

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



217, 224, 200



204, 218, 213



205, 213, 230



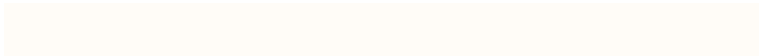
221, 212, 227

Sweetspot

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



217, 224, 200



252, 255, 247



224, 200, 210



128, 128, 122



0, 0, 0



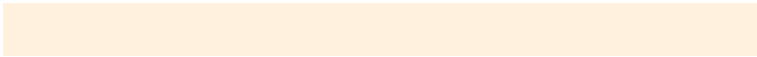
128, 128, 128

Same Dimension

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



217, 224, 200



246, 255, 222



200, 224, 202



107, 112, 101



125, 176, 0



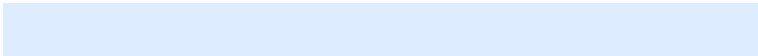
34, 48, 0

Inverse Universe

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



200, 207, 224



222, 232, 255



202, 200, 224



101, 104, 112



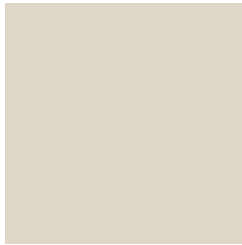
0, 52, 176



0, 14, 48

Previews

White Background



This preview shows how the RYB color 217, 224, 200 looks on a white background.

Color Contrast Check

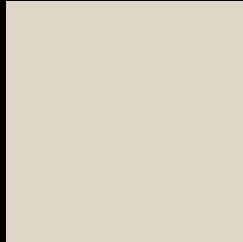
Large Text (above 18pt) WCAG AA × Fail

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, 224, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

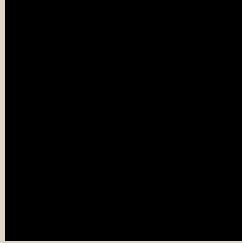
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

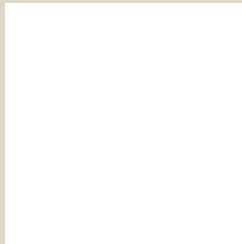
Any Text WCAG AAA ✓ Pass

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

RYB 217, 224, 200 Background



This preview shows how black text looks on a background with the RYB color 217, 224, 200.

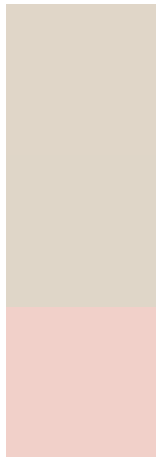


This preview shows how white text looks on a background with the RYB color 217, 224, 200.

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, 224, 200

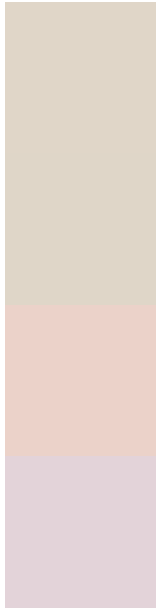
Protanopia
215, 223, 200

Deuteranopia
241, 209, 201



Tritanopia
228, 210, 227

Trichromacy



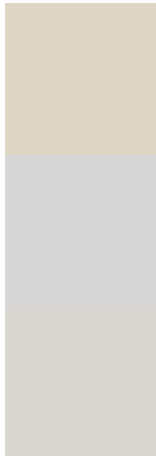
Original Color
217, 224, 200

Protanomaly
215, 223, 200

Deuteranomaly
235, 213, 201

Tritanomaly
227, 211, 217

Monochromacy



Original Color
217, 224, 200

Achromatopsia
215, 215, 215

Achromatomaly
215, 218, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 224, 200 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(224, 214, 200) looks like.

```
.text, #text, p{  
    color:rgb(224, 214, 200)  
}
```

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(224, 214, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 200) }
```

Border

The CSS property to change the border of an element to RYB 217, 224, 200 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(224, 214, 200) }
```

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

```
.border{ border-color:rgb(224, 214, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 214, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 217, 224, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 200) }
```

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

```
.background{ background-color: rgb(224,  
214, 200) }
```

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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