

Converting Colors

`RYB(235, 214, 224)`

Have a look what the booklet for
RYB(235, 214, 224) contains.

RYB(235, 214, 224)	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

R_YB(235, 214, 224)

Conversions

Conversions Part 1

Format	Color
Hex	EBD6E0
RGB	235, 214, 224
RGB Percent	92%, 84%, 88%
CMY	0.0784, 0.1608, 0.1216
CMYK	0.00, 0.09, 0.05, 0.08
HSL	331°, 34%, 88%
HSV	331°, 9%, 92%
XYZ	71.7621, 71.1371, 80.4696
YIQ	221.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

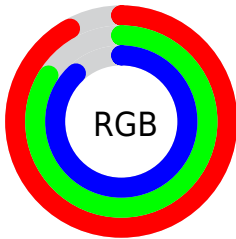
Format	Color
R _Y B	235, 214, 224
Decimal	15455968
CIE Lab	87.55, 8.95, -2.29
CIE LCh	88, 9.235, 345.669
Yxy	71.1371, 0.3213, 0.3185
Android (android.graphics.Color)	4293646048 (0xFFEBD6E0)
YUV	221.4190, 1.2724, 11.9105
Hunter-Lab	84.3428, 4.2746, 2.4727

Details

The RYB color **235, 214, 224** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214, 228, 235**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is 255, 255, 255, and **179, 159, 169** is the 20% darker color. If you saturate the color by 10%, you get **235, 191, 212**, and if you desaturate by 10%, it is **235, 237, 238**.

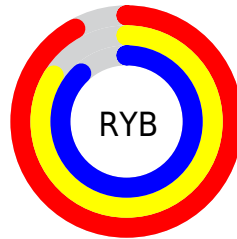
Distribution



Red (92%)

Green (84%)

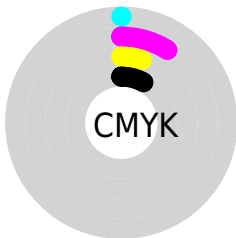
Blue (88%)



Red (92%)

Yellow (84%)

Blue (88%)

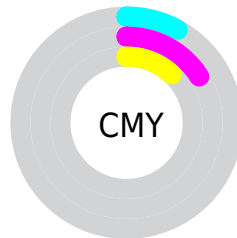


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the RYB color 235, 214, 224 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 235, 214, 224 by changing the saturation by 10% instead.

 235, 214, 224

 235, 214, 224

255, 255, 255

 207, 186, 196

 179, 159, 169

 152, 133, 142

 126, 108, 117

 101, 84, 92

 77, 60, 69

 54, 39, 47

 33, 18, 26

 0, 0, 0

 235, 214, 224

 235, 214, 224

 235, 191, 212

 235, 237, 238

 235, 167, 199


 235, 247, 255

 235, 144, 187

 235, 245, 255

 235, 120, 175

 235, 97, 162

 235, 73, 150

 235, 50, 138

 235, 26, 126

 235, 3, 113

Harmonies

Analogous

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



227, 216, 232



235, 214, 224



239, 214, 215

Triad

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



235, 214, 224



205, 222, 203



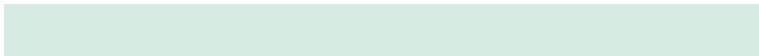
199, 213, 232

Complementary

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



235, 214, 224



214, 228, 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.



198, 212, 225



235, 214, 224



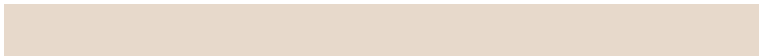
207, 223, 218

Square

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



235, 214, 224



231, 231, 203



203, 216, 224



206, 216, 236

Rectangle

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



235, 214, 224



238, 215, 210



203, 216, 224



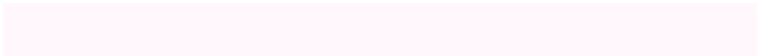
198, 212, 229

Sweetspot

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



235, 214, 224



255, 247, 251



225, 214, 235



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



235, 214, 224



255, 227, 240



235, 214, 214



117, 106, 111



181, 0, 86



54, 0, 26

Inverse Universe

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



235, 214, 224



255, 227, 240



214, 225, 235



117, 106, 111



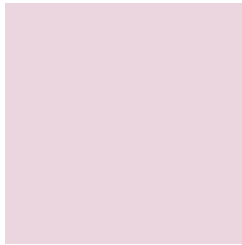
181, 0, 86



54, 0, 26

Previews

White Background



This preview shows how the RYB color 235, 214, 224 looks on a white background.

Color Contrast Check

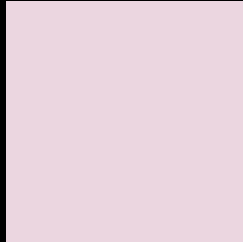
Large Text (above 18pt) WCAG AA × Fail

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 235, 214, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

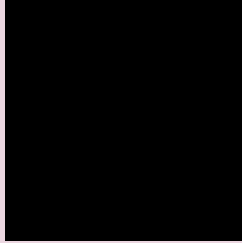
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

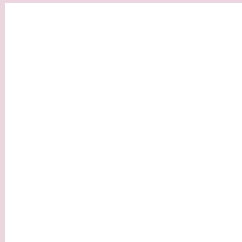
Any Text WCAG AAA ✓ Pass

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

RYB 235, 214, 224 Background



This preview shows how black text looks on a background with the RYB color 235, 214, 224.

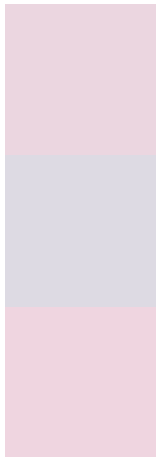


This preview shows how white text looks on a background with the RYB color 235, 214, 224.

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
235, 214, 224

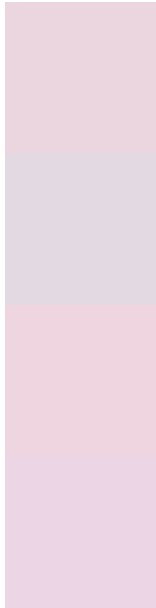
Protanopia
221, 218, 227

Deuteranopia
239, 213, 224



Tritanopia
236, 213, 230

Trichromacy



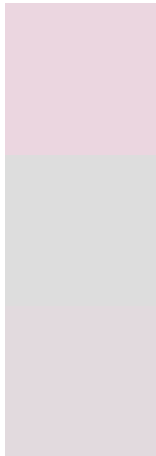
Original Color
235, 214, 224

Protanomaly
226, 217, 226

Deuteranomaly
238, 213, 224

Tritanomaly
236, 213, 228

Monochromacy



Original Color
235, 214, 224

Achromatopsia
221, 221, 221

Achromatomaly
226, 218, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 214, 224 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, 214, 224) looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 224)  
}
```

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, 214, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 224) }
```

Border

The CSS property to change the border of an element to RYB 235, 214, 224 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, 214, 224) }
```

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

```
.border{ border-color:rgb(235, 214, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 235, 214, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 224) }
```

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

```
.background{ background-color: rgb(235,  
214, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor