

Converting Colors

`RYB(245, 212, 224)`

Have a look what the booklet for RYB(245, 212, 224) contains.

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Color

R_YB(245, 212, 224)

Conversions

Conversions Part 1

Format	Color
Hex	F5D4E0
RGB	245, 212, 224
RGB Percent	96%, 83%, 88%
CMY	0.0392, 0.1686, 0.1216
CMYK	0.00, 0.13, 0.09, 0.04
HSL	338°, 62%, 90%
HSV	338°, 13%, 96%
XYZ	74.6542, 71.8813, 80.4608
YIQ	223.2350, 15.8160, 10.7280

Conversions

Conversions Part 2

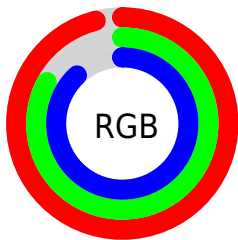
Format	Color
R _Y B	245, 212, 224
Decimal	16110816
CIE Lab	87.91, 13.43, -1.66
CIE LCh	88, 13.535, 352.960
Yxy	71.8813, 0.3289, 0.3167
Android (android.graphics.Color)	4294300896 (0xFFFF5D4E0)
YUV	223.2350, 0.3771, 19.0879
Hunter-Lab	84.7828, 8.8055, 3.0804

Details

The RYB color **245, 212, 224** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **212, 232, 245**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 157, 169** is the 20% darker color. If you saturate the color by 10%, you get **245, 187, 208**, and if you desaturate by 10%, it is **245, 237, 240**.

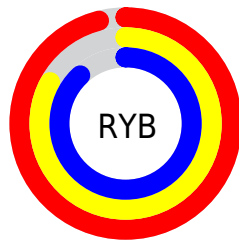
Distribution



Red (96%)

Green (83%)

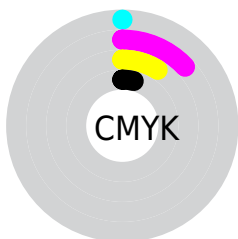
Blue (88%)



Red (96%)

Yellow (83%)

Blue (88%)

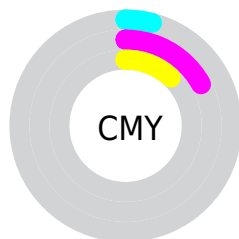


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (4%)



Cyan (4%)

Magenta (17%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 212, 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 245, 212, 224 by changing the saturation by 10% instead.


 245, 212, 224

255, 255, 255

 245, 212, 224

 216, 184, 196


 189, 157, 169

 161, 131, 142


 135, 106, 117

 109, 82, 92

 85, 58, 69

 61, 37, 47

 39, 16, 26


 11, 0, 0

 245, 212, 224

 245, 212, 224

 245, 187, 208

 245, 237, 240


 245, 163, 193

 245, 250, 255

 245, 139, 177

 245, 114, 162

 245, 90, 146

 245, 65, 130

 245, 41, 115

 245, 16, 99

 245, 0, 89

Harmonies

Analogous

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



235, 214, 236



245, 212, 224



248, 212, 211

Triad

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



245, 212, 224



197, 223, 200



192, 212, 241

Complementary

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



245, 212, 224



212, 232, 245

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.



188, 208, 230



245, 212, 224



205, 226, 226

Square

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



245, 212, 224



222, 234, 195



193, 214, 228



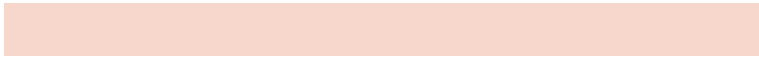
203, 216, 246

Rectangle

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



245, 212, 224



247, 218, 203



193, 214, 228



189, 210, 237

Sweetspot

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



245, 212, 224



255, 245, 249



233, 212, 245



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

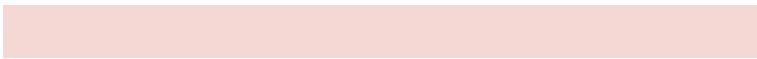
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 212, 224



255, 214, 229



245, 217, 212



122, 110, 115



186, 0, 68



59, 0, 21

Inverse Universe

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



245, 212, 224



255, 214, 229



212, 227, 245



122, 110, 115



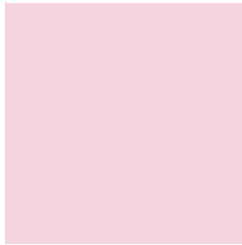
186, 0, 68



59, 0, 21

Previews

White Background



This preview shows how the RYB color 245, 212, 224 looks on a white background.

Color Contrast Check

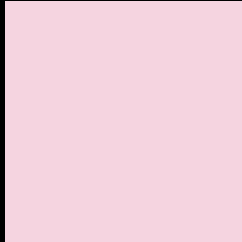
Large Text (above 18pt) WCAG AA × Fail

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 245, 212, 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](#).

R Y B 245, 212, 224 Background



This preview shows how black text looks on a background with the R Y B color 245, 212, 224.

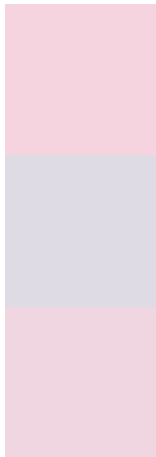


This preview shows how white text looks on a background with the R Y B color 245, 212, 224.

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
245, 212, 224

Protanopia
222, 219, 228

Deuteranopia
240, 214, 224



Tritanopia
246, 211, 228

Trichromacy



Original Color

245, 212, 224

Protanomaly

230, 216, 227

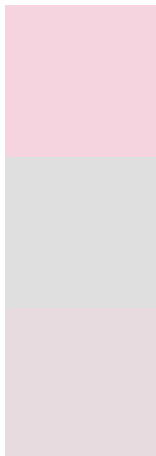
Deuteranomaly

242, 213, 224

Tritanomaly

246, 211, 227

Monochromacy



Original Color

245, 212, 224

Achromatopsia

223, 223, 223

Achromatomaly

231, 219, 223

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 212, 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(245, 212, 224) looks like.

```
.text, #text, p{  
    color:rgb(245, 212, 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(245, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 212, 224) }
```

Border

The CSS property to change the border of an element to RYB 245, 212, 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(245, 212, 224) }
```

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

```
.border{ border-color:rgb(245, 212, 224) }
```

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

Here you see how a box with a 4 pixel rgb(245, 212, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(245, 212,  
224) }
```

Background

The CSS property to change the background color of an element to RYB 245, 212, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 212, 224) }
```

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

```
.background{ background-color: rgb(245,  
212, 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](#).

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