

Converting Colors

`RYB(245, 215, 220)`

Have a look what the booklet for
RYB(245, 215, 220) contains.

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Color

R_YB(245, 215, 220)

Conversions

Conversions Part 1	
Format	Color
Hex	F5D7DC
RGB	245, 215, 220
RGB Percent	96%, 84%, 86%
CMY	0.0392, 0.1569, 0.1373
CMYK	0.00, 0.12, 0.10, 0.04
HSL	350°, 60%, 90%
HSV	350°, 12%, 96%
XYZ	74.8749, 73.1807, 77.8891
YIQ	224.5400, 16.2750, 7.9150

Conversions

Conversions Part 2

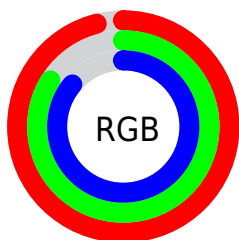
Format	Color
RYB	245, 215, 220
Decimal	16111580
CIELab	88.53, 11.20, 1.36
CIELCh	89, 11.287, 6.929
Yxy	73.1807, 0.3314, 0.3239
Android (android.graphics.Color)	4294301660 (0xFF5D7DC)
YUV	224.5400, -2.2382, 17.9434
Hunter-Lab	85.5457, 6.5293, 5.8986

Details

The RYB color **245, 215, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **215, 231, 245**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **189, 160, 165** is the 20% darker color. If you saturate the color by 10%, you get **245, 191, 200**, and if you desaturate by 10%, it is **245, 240, 240**.

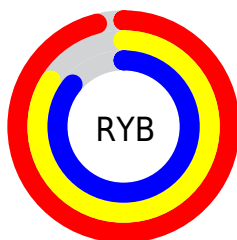
Distribution



Red (96%)

Green (84%)

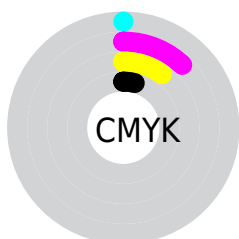
Blue (86%)



Red (96%)

Yellow (84%)

Blue (86%)

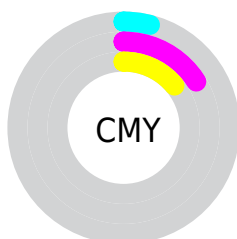


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 245, 215, 220 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, 215, 220 by changing the saturation by 10% instead.

 245, 215, 220

255, 255, 255

 245, 215, 220

 216, 187, 192


 189, 160, 165

 161, 134, 139

 135, 109, 113

 109, 84, 89

 85, 61, 66

 61, 39, 44

 39, 19, 23

 13, 0, 0

 245, 215, 220

 245, 215, 220

 245, 191, 200

 245, 240, 240

 245, 166, 179

 245, 250, 255

 245, 142, 159

 245, 117, 138

 245, 93, 118

 245, 68, 98

 245, 44, 77

 245, 19, 57

 245, 0, 41

Harmonies

Analogous

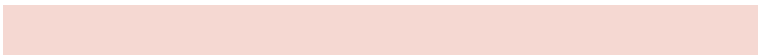
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239, 216, 231



245, 215, 220



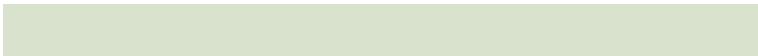
245, 217, 210

Triad

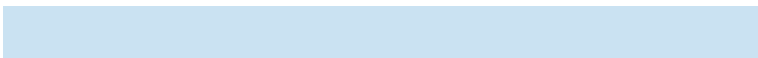
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 215, 220



205, 226, 215



202, 217, 242

Complementary

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



245, 215, 220



215, 231, 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.



196, 214, 235



245, 215, 220



205, 222, 228

Square

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



245, 215, 220



210, 229, 201



197, 214, 229



214, 220, 243

Rectangle

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



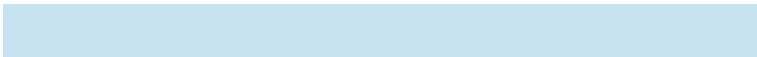
245, 215, 220



242, 225, 205



197, 214, 229



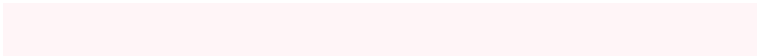
200, 216, 240

Sweetspot

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



245, 215, 220



255, 245, 247



240, 215, 245



128, 121, 122



0, 0, 0



128, 128, 128

Same Dimension

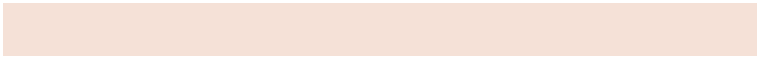
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245, 215, 220



255, 217, 223



245, 230, 215



122, 110, 112



186, 0, 31



59, 0, 10

Inverse Universe

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



245, 215, 220



255, 217, 223



215, 227, 245



122, 110, 112



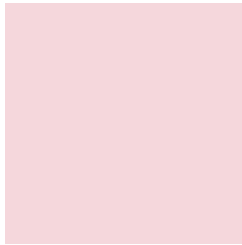
186, 0, 31



59, 0, 10

Previews

White Background



This preview shows how the RYB color 245, 215, 220 looks on a white background.

Color Contrast Check

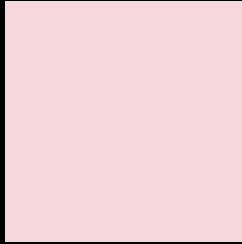
Large Text (above 18pt) WCAG AA × Fail

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, 215, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

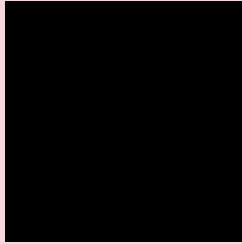
Any Text WCAG AA ✓ Pass

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 245, 215, 220 Background



This preview shows how black text looks on a background with the RYB color 245, 215, 220.

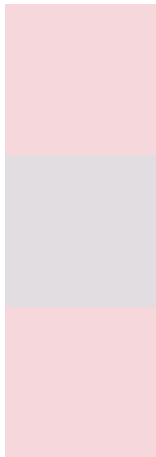


This preview shows how white text looks on a background with the RYB color 245, 215, 220.

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, 215, 220

Protanopia

226, 221, 224

Deuteranopia

245, 215, 220



Tritanopia

246, 213, 230

Trichromacy



Original Color

245, 215, 220

Protanomaly

233, 219, 223

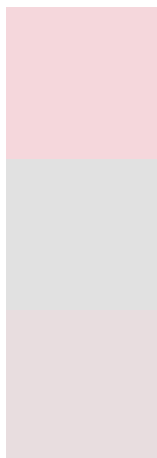
Deuteranomaly

245, 215, 220

Tritanomaly

246, 214, 226

Monochromacy



Original Color

245, 215, 220

Achromatopsia

225, 225, 225

Achromatomaly

232, 221, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 245, 215, 220 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, 215, 220) looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 220)  
}
```

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, 215, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 220) }
```

Border

The CSS property to change the border of an element to RYB 245, 215, 220 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, 215, 220) }
```

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

```
.border{ border-color:rgb(245, 215, 220) }
```

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

Here you see how a box with a 4 pixel rgb(245, 215, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 220);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 245, 215, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 220) }
```

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

```
.background{ background-color: rgb(245,  
215, 220) }
```

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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