

Converting Colors

`RYB(245, 205, 203)`

Have a look what the booklet for
RYB(245, 205, 203) contains.

RYB(245, 205, 203)	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(245, 205, 203)

Conversions

Conversions Part 1

Format	Color
Hex	F5CDCB
RGB	245, 205, 203
RGB Percent	96%, 80%, 80%
CMY	0.0392, 0.1964, 0.2039
CMYK	0.00, 0.16, 0.17, 0.04
HSL	3°, 68%, 88%
HSV	3°, 17%, 96%
XYZ	70.2453, 67.3434, 65.7962
YIQ	216.7320, 24.4820, 7.8580

Conversions

Conversions Part 2

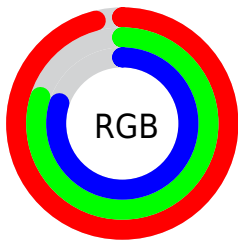
Format	Color
R _Y B	245, 205, 203
Decimal	16109003
CIE Lab	85.68, 13.80, 6.22
CIE LCh	86, 15.133, 24.261
Yxy	67.3434, 0.3454, 0.3311
Android (android.graphics.Color)	4294299083 (0xFFF5CDCB)
YUV	216.7320, -6.7699, 24.7910
Hunter-Lab	82.0630, 9.1841, 9.9068

Details

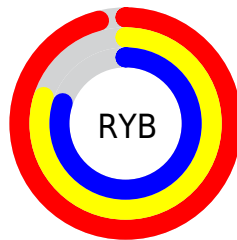
The RYB color **245, 205, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **203, 223, 245**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is 255, 255, 255, and **188, 151, 149** is the 20% darker color. If you saturate the color by 10%, you get **245, 182, 178**, and if you desaturate by 10%, it is **245, 228, 227**.

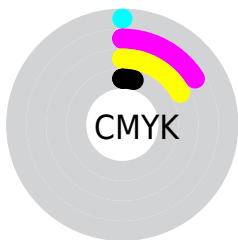
Distribution



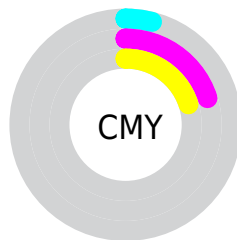
- Red (96%)
- Green (80%)
- Blue (80%)



- Red (96%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 205, 203 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, 205, 203 by changing the saturation by 10% instead.


 245, 205, 203


255, 255, 255

 245, 205, 203

 216, 177, 176

 188, 151, 149

 161, 125, 123

 134, 100, 98

 109, 76, 75

 84, 53, 52

 60, 31, 31

 38, 9, 6

 0, 0, 0

 245, 205, 203

 245, 205, 203

 245, 182, 178


 245, 228, 227

 245, 158, 154

 245, 249, 252

 245, 135, 130

 245, 250, 255

 245, 111, 105

 245, 88, 80

 245, 65, 56

 245, 41, 31

 245, 19, 7

 245, 12, 0

Harmonies

Analogous

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



242, 205, 217



245, 205, 203



240, 217, 191

Triad

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



245, 205, 203



197, 221, 221



196, 210, 242

Complementary

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



245, 205, 203



203, 223, 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.



182, 204, 237



245, 205, 203



183, 207, 223

Square

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



245, 205, 203



188, 217, 192



178, 201, 225



214, 211, 240

Rectangle

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



245, 205, 203



229, 233, 187



178, 201, 225



190, 208, 241

Sweetspot

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



245, 205, 203



255, 243, 242



245, 203, 244



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



245, 205, 203



255, 204, 201



241, 245, 203



122, 111, 110



186, 8, 0



59, 3, 0

Inverse Universe

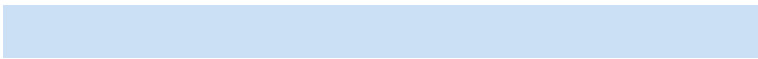
The Inverse Universe completely reimagines the original color for something new.



203, 223, 245



201, 227, 255



203, 217, 245



110, 116, 122



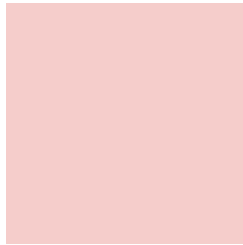
0, 91, 186



0, 29, 59

Previews

White Background



This preview shows how the RYB color 245, 205, 203 looks on a white background.

Color Contrast Check

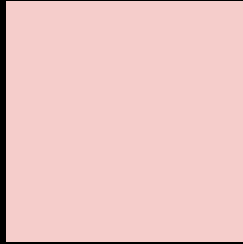
Large Text (above 18pt) WCAG AA × Fail

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, 205, 203 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, 205, 203 Background



This preview shows how black text looks on a background with the RYB color 245, 205, 203.

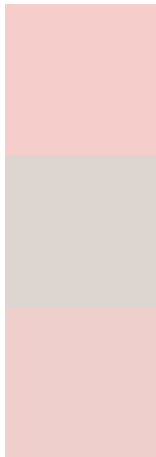


This preview shows how white text looks on a background with the RYB color 245, 205, 203.

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, 205, 203

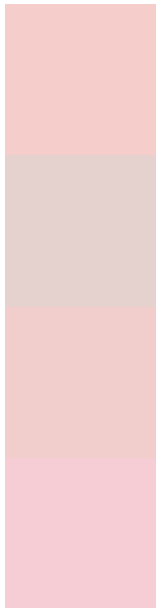
Protanopia
220, 217, 208

Deuteranopia
239, 208, 203



Tritanopia
247, 203, 218

Trichromacy



Original Color

245, 205, 203

Protanomaly

229, 211, 206

Deuteranomaly

241, 206, 203

Tritanomaly

246, 204, 213

Monochromacy



Original Color

245, 205, 203

Achromatopsia

217, 217, 217

Achromatomaly

227, 213, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 205, 203 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, 205, 203) looks like.

```
.text, #text, p{  
    color:rgb(245, 205, 203)  
}
```

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, 205, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 205, 203) }
```

Border

The CSS property to change the border of an element to RYB 245, 205, 203 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, 205, 203) }
```

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

```
.border{ border-color:rgb(245, 205, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 205, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 205, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 205, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 205,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 245, 205, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 205, 203) }
```

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

```
.background{ background-color: rgb(245,  
205, 203) }
```

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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