

Converting Colors

`RYB(245, 204, 208)`

Have a look what the booklet for RYB(245, 204, 208) contains.

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Color

R_YB(245, 204, 208)

Conversions

Conversions Part 1

Format	Color
Hex	F5CCD0
RGB	245, 204, 208
RGB Percent	96%, 80%, 82%
CMY	0.0392, 0.2000, 0.1843
CMYK	0.00, 0.17, 0.15, 0.04
HSL	354°, 67%, 88%
HSV	354°, 17%, 96%
XYZ	70.6342, 67.1523, 68.9134
YIQ	216.7150, 23.1520, 9.9360

Conversions

Conversions Part 2

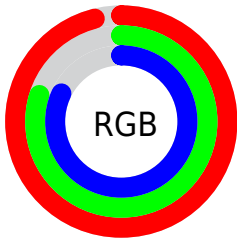
Format	Color
R _Y B	245, 204, 208
Decimal	16108752
CIE Lab	85.58, 15.04, 3.42
CIE LCh	86, 15.429, 12.818
Yxy	67.1523, 0.3417, 0.3249
Android (android.graphics.Color)	4294298832 (0xFFF5CCD0)
YUV	216.7150, -4.2965, 24.8059
Hunter-Lab	81.9465, 10.4527, 7.5023

Details

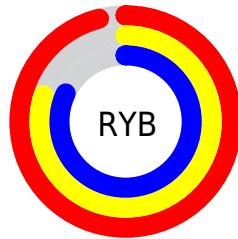
The RYB color **245, 204, 208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **204, 226, 245**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **255, 255, 255**, and **188, 150, 154** is the 20% darker color. If you saturate the color by 10%, you get **245, 180, 186**, and if you desaturate by 10%, it is **245, 229, 230**.

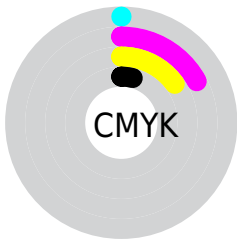
Distribution



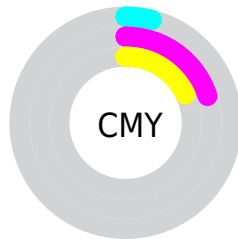
- Red (96%)
- Green (80%)
- Blue (82%)



- Red (96%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the RYB color 245, 204, 208 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, 204, 208 by changing the saturation by 10% instead.


 245, 204, 208

255, 255, 255

 245, 204, 208

 216, 176, 180

 188, 150, 154

 161, 124, 128

 134, 99, 103

 109, 75, 79

 84, 52, 56

 60, 30, 35

 38, 8, 13

 0, 0, 0

 245, 204, 208

 245, 204, 208

 245, 180, 186


 245, 229, 230

 245, 155, 164

 245, 249, 253

 245, 131, 142

 245, 250, 255

 245, 106, 120

 245, 82, 97

 245, 57, 75

 245, 32, 53

 245, 8, 31

 245, 0, 24

Harmonies

Analogous

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



238, 205, 223



245, 204, 208



243, 209, 195

Triad

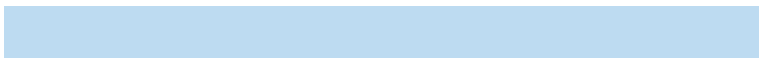
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245, 204, 208



192, 219, 209



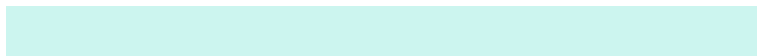
189, 208, 241

Complementary

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



245, 204, 208



204, 226, 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.



178, 202, 233



245, 204, 208



187, 210, 222

Square

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



245, 204, 208



190, 219, 185



178, 201, 223



206, 212, 242

Rectangle

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



245, 204, 208



238, 224, 188



178, 201, 223



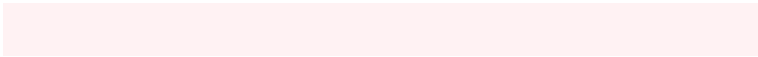
184, 205, 239

Sweetspot

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



245, 204, 208



255, 242, 243



241, 204, 245



128, 120, 121



0, 0, 0



128, 128, 128

Same Dimension

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



245, 204, 208



255, 204, 209



245, 230, 204



122, 110, 111



186, 0, 18



59, 0, 6

Inverse Universe

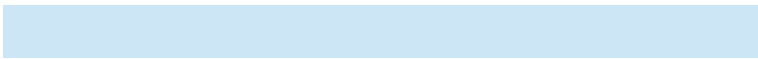
The Inverse Universe completely reimagines the original color for something new.



245, 204, 208



255, 204, 209



204, 220, 245



122, 110, 111



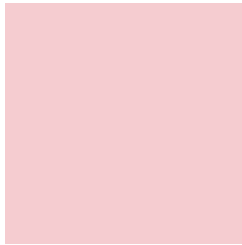
186, 0, 18



59, 0, 6

Previews

White Background



This preview shows how the RYB color 245, 204, 208 looks on a white background.

Color Contrast Check

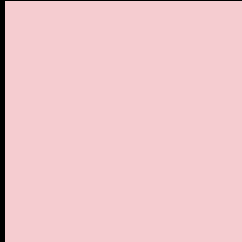
Large Text (above 18pt) WCAG AA × Fail

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, 204, 208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

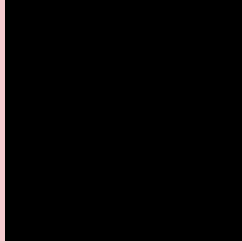
Any Text WCAG AA ✓ Pass

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](#).

RYP 245, 204, 208 Background



This preview shows how black text looks on a background with the RYB color 245, 204, 208.



This preview shows how white text looks on a background with the RYB color 245, 204, 208.

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, 204, 208

Protanopia
218, 213, 213

Deuteranopia
237, 207, 207



Tritanopia
246, 202, 218

Trichromacy



Original Color

245, 204, 208

Protanomaly

228, 210, 211

Deuteranomaly

240, 206, 207

Tritanomaly

246, 203, 214

Monochromacy



Original Color

245, 204, 208

Achromatopsia

217, 217, 217

Achromatomaly

227, 212, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 245, 204, 208 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, 204, 208) looks like.

```
.text, #text, p{  
    color:rgb(245, 204, 208)  
}
```

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, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 204, 208) }
```

Border

The CSS property to change the border of an element to RYB 245, 204, 208 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, 204, 208) }
```

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

```
.border{ border-color:rgb(245, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(245, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 204,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 245, 204, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 204, 208) }
```

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

```
.background{ background-color: rgb(245,  
204, 208) }
```

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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