

Converting Colors

`RYB(238, 207, 220)`

Have a look what the booklet for
RYB(238, 207, 220) contains.

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Color

R_YB(238, 207, 220)

Conversions

Conversions Part 1

Format	Color
Hex	EECFDC
RGB	238, 207, 220
RGB Percent	93%, 81%, 86%
CMY	0.0667, 0.1882, 0.1373
CMYK	0.00, 0.13, 0.08, 0.07
HSL	335°, 48%, 87%
HSV	335°, 13%, 93%
XYZ	70.4910, 67.9701, 77.1144
YIQ	217.7510, 14.3030, 10.6150

Conversions

Conversions Part 2

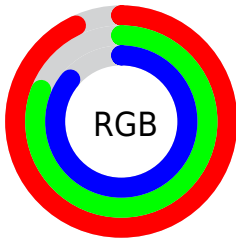
Format	Color
R _Y B	238, 207, 220
Decimal	15650780
CIE Lab	85.99, 12.97, -2.43
CIE LCh	86, 13.193, 349.401
Yxy	67.9701, 0.3270, 0.3153
Android (android.graphics.Color)	4293840860 (0xFFEECFDC)
YUV	217.7510, 1.1088, 17.7584
Hunter-Lab	82.4440, 8.3435, 2.2536

Details

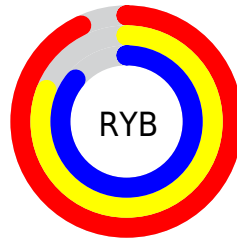
The RYB color **238, 207, 220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **207, 227, 238**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 153, 165** is the 20% darker color. If you saturate the color by 10%, you get **238, 183, 206**, and if you desaturate by 10%, it is **238, 231, 234**.

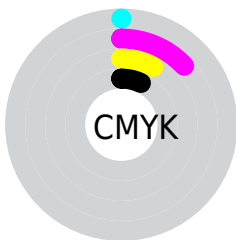
Distribution



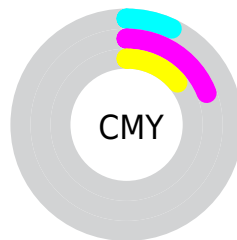
- Red (93%)
- Green (81%)
- Blue (86%)



- Red (93%)
- Yellow (81%)
- Blue (86%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 238, 207, 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 238, 207, 220 by changing the saturation by 10% instead.

■ 238, 207, 220

255, 255, 255

■ 238, 207, 220

■ 210, 179, 192

■ 182, 153, 165

■ 155, 127, 139

■ 129, 102, 113

■ 103, 77, 89

■ 79, 55, 66


■ 56, 33, 43

■ 34, 12, 23

■ 0, 0, 0

 238, 207, 220

 238, 207, 220

 238, 183, 206

 238, 231, 234


 238, 159, 192

 238, 249, 255

 238, 136, 179


 238, 247, 255

 238, 112, 165

 238, 88, 151

 238, 64, 137

 238, 40, 123

 238, 17, 109

 238, 0, 100

Harmonies

Analogous

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



227, 209, 231



238, 207, 220



242, 207, 207

Triad

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



238, 207, 220



191, 217, 191



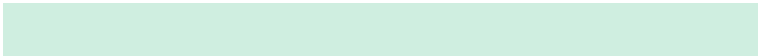
186, 206, 234

Complementary

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



238, 207, 220



207, 227, 238

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.



184, 203, 223



238, 207, 220



199, 220, 217

Square

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



238, 207, 220



221, 230, 191



190, 210, 222



197, 211, 239

Rectangle

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



238, 207, 220



241, 210, 200



190, 210, 222



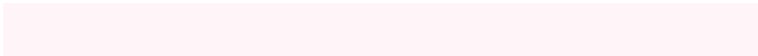
184, 205, 230

Sweetspot

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



238, 207, 220



255, 245, 249



225, 207, 238



128, 121, 124



0, 0, 0



128, 128, 128

Same Dimension

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



238, 207, 220



255, 214, 231



238, 209, 207



120, 108, 113



184, 0, 77



56, 0, 24

Inverse Universe

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



238, 207, 220



255, 214, 231



207, 222, 238



120, 108, 113



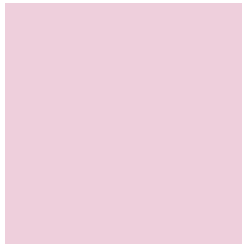
184, 0, 77



56, 0, 24

Previews

White Background



This preview shows how the RYB color 238, 207, 220 looks on a white background.

Color Contrast Check

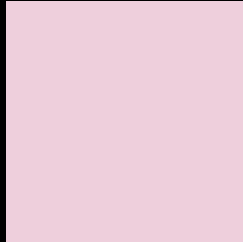
Large Text (above 18pt) WCAG AA × Fail

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 238, 207, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

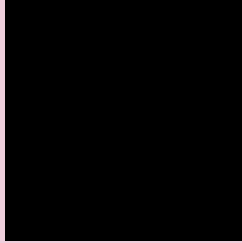
Any Text WCAG AA ✓ Pass

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](#).

R Y B 238, 207, 220 Background



This preview shows how black text looks on a background with the R Y B color 238, 207, 220.

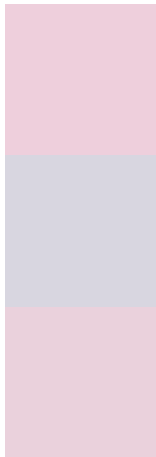


This preview shows how white text looks on a background with the R Y B color 238, 207, 220.

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
238, 207, 220

Protanopia
216, 214, 224

Deuteranopia
234, 209, 220



Tritanopia
238, 207, 223

Trichromacy



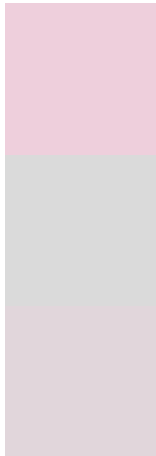
Original Color
238, 207, 220

Protanomaly
224, 211, 223

Deuteranomaly
235, 208, 220

Tritanomaly
238, 207, 222

Monochromacy



Original Color
238, 207, 220

Achromatopsia
218, 218, 218

Achromatomaly
225, 214, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 238, 207, 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(238, 207, 220) looks like.

```
.text, #text, p{  
    color:rgb(238, 207, 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(238, 207, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 207, 220) }
```

Border

The CSS property to change the border of an element to RYB 238, 207, 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(238, 207, 220) }
```

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

```
.border{ border-color:rgb(238, 207, 220) }
```

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

Here you see how a box with a 4 pixel rgb(238, 207, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 207, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 207, 220);  
box-shadow:4px 4px 4px 4px rgb(238, 207,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 238, 207, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 207, 220) }
```

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

```
.background{ background-color: rgb(238,  
207, 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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