

Converting Colors

`RYB(238, 205, 216)`

Have a look what the booklet for
RYB(238, 205, 216) contains.

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Color

R_YB(238, 205, 216)

Conversions

Conversions Part 1

Format	Color
Hex	EECDD8
RGB	238, 205, 216
RGB Percent	93%, 80%, 85%
CMY	0.0667, 0.1961, 0.1529
CMYK	0.00, 0.14, 0.09, 0.07
HSL	340°, 49%, 87%
HSV	340°, 14%, 93%
XYZ	69.4859, 66.7977, 74.1967
YIQ	216.1210, 16.1370, 10.4170

Conversions

Conversions Part 2

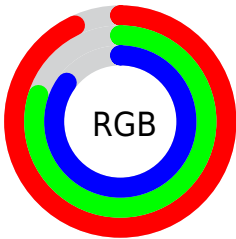
Format	Color
R_{YB}	238, 205, 216
Decimal	15650264
CIE _{Lab}	85.40, 13.35, -1.17
CIE _{LCh}	85, 13.400, 355.007
Yxy	66.7977, 0.3301, 0.3174
Android (android.graphics.Color)	4293840344 (0xFFEECD8)
YUV	216.1210, -0.0597, 19.1879
Hunter-Lab	81.7298, 8.7317, 3.3857

Details

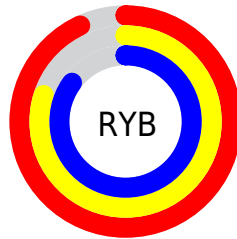
The RYB color **238, 205, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **205, 225, 238**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **182, 151, 161** is the 20% darker color. If you saturate the color by 10%, you get **238, 181, 200**, and if you desaturate by 10%, it is **238, 229, 232**.

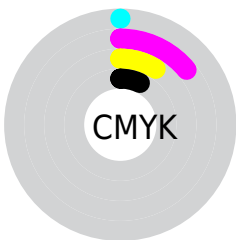
Distribution



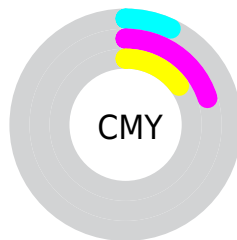
- Red (93%)
- Green (80%)
- Blue (85%)



- Red (93%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (9%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 238, 205, 216 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, 205, 216 by changing the saturation by 10% instead.

 238, 205, 216

255, 255, 255

 238, 205, 216

 210, 177, 188

 182, 151, 161

 155, 125, 135

 129, 100, 110

 103, 76, 85

 79, 53, 62

 56, 31, 40

 34, 9, 20

 0, 0, 0

■ 238, 205, 216

■ 238, 205, 216

■ 238, 181, 200

■ 238, 229, 232

■ 238, 157, 184

■ 238, 247, 253

■ 238, 134, 168

■ 238, 247, 255

■ 238, 110, 153

■ 238, 86, 137

■ 238, 62, 121

■ 238, 38, 105

■ 238, 15, 89

■ 238, 0, 79

Harmonies

Analogous

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



228, 207, 228



238, 205, 216



241, 205, 203

Triad

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



238, 205, 216



190, 216, 194



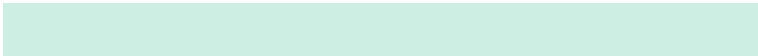
186, 206, 234

Complementary

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



238, 205, 216



205, 225, 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.



181, 202, 224



238, 205, 216



198, 218, 219

Square

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



238, 205, 216



210, 226, 188



186, 206, 221



198, 210, 238

Rectangle

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



238, 205, 216



239, 211, 196



186, 206, 221



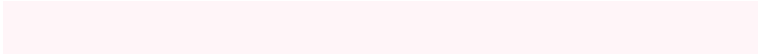
183, 204, 231

Sweetspot

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



238, 205, 216



255, 245, 248



227, 205, 238



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

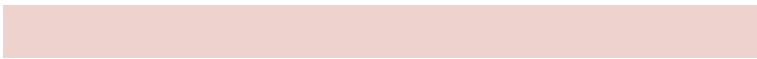
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238, 205, 216



255, 212, 226



238, 211, 205



120, 108, 112



184, 0, 61



56, 0, 19

Inverse Universe

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



238, 205, 216



255, 212, 226



205, 220, 238



120, 108, 112



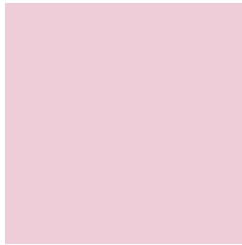
184, 0, 61



56, 0, 19

Previews

White Background



This preview shows how the RYB color 238, 205, 216 looks on a white background.

Color Contrast Check

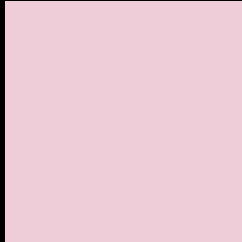
Large Text (above 18pt) WCAG AA × Fail

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, 205, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

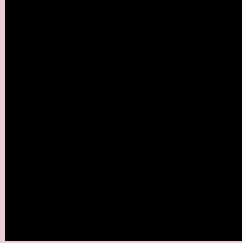
Any Text WCAG AA ✓ Pass

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 238, 205, 216 Background



This preview shows how black text looks on a background with the RYB color 238, 205, 216.



This preview shows how white text looks on a background with the RYB color 238, 205, 216.

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, 205, 216

Protanopia
215, 212, 220

Deuteranopia
233, 207, 216



Tritanopia
239, 204, 220

Trichromacy



Original Color

238, 205, 216

Protanomaly

223, 209, 219

Deuteranomaly

235, 206, 216

Tritanomaly

239, 204, 219

Monochromacy



Original Color

238, 205, 216

Achromatopsia

216, 216, 216

Achromatomaly

224, 212, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 238, 205, 216 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, 205, 216) looks like.

```
.text, #text, p{  
    color:rgb(238, 205, 216)  
}
```

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, 205, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 205, 216) }
```

Border

The CSS property to change the border of an element to RYB 238, 205, 216 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, 205, 216) }
```

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

```
.border{ border-color:rgb(238, 205, 216) }
```

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

Here you see how a box with a 4 pixel rgb(238, 205, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 205, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 205, 216);  
box-shadow:4px 4px 4px 4px rgb(238, 205,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 238, 205, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 205, 216) }
```

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

```
.background{ background-color: rgb(238,  
205, 216) }
```

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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