

Converting Colors

`RYB(230, 200, 216)`

Have a look what the booklet for
RYB(230, 200, 216) contains.

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Color

R_YB(230, 200, 216)

Conversions

Conversions Part 1

Format	Color
Hex	E6C8D8
RGB	230, 200, 216
RGB Percent	90%, 78%, 85%
CMY	0.0980, 0.2157, 0.1529
CMYK	0.00, 0.13, 0.06, 0.10
HSL	328°, 37%, 84%
HSV	328°, 13%, 90%
XYZ	65.6821, 63.0894, 73.6814
YIQ	210.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

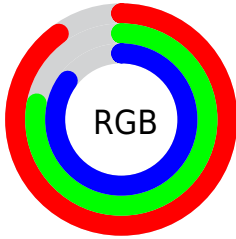
Format	Color
R _Y B	230, 200, 216
Decimal	15124696
CIE Lab	83.49, 13.22, -4.05
CIE LCh	83, 13.826, 342.945
Yxy	63.0894, 0.3244, 0.3116
Android (android.graphics.Color)	4293314776 (0xFFE6C8D8)
YUV	210.7940, 2.5666, 16.8437
Hunter-Lab	79.4288, 8.6065, 0.6004

Details

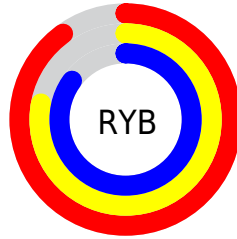
The RYB color **230, 200, 216** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **200, 220, 230**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 146, 161** is the 20% darker color. If you saturate the color by 10%, you get **230, 177, 205**, and if you desaturate by 10%, it is **230, 223, 227**.

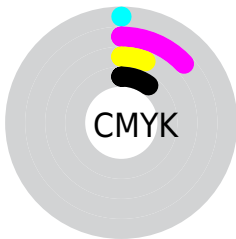
Distribution



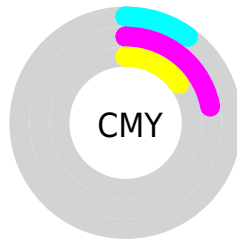
- Red (90%)
- Green (78%)
- Blue (85%)



- Red (90%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (10%)



- Cyan (10%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the RYB color 230, 200, 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 230, 200, 216 by changing the saturation by 10% instead.

 230, 200, 216

255, 255, 255

 230, 200, 216

 202, 173, 188

 174, 146, 161

 148, 120, 135

 122, 95, 110

 97, 72, 85

 73, 49, 62


 50, 28, 40

 30, 3, 20


 0, 0, 0

 230, 200, 216


 230, 200, 216

 230, 177, 205


 230, 223, 227

 230, 154, 195


 230, 241, 246


 230, 131, 184


 230, 245, 255


 230, 108, 173

 230, 243, 255

 230, 85, 162

 230, 62, 152

 230, 39, 141

 230, 16, 130

 230, 0, 123

Harmonies

Analogous

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



218, 203, 227



230, 200, 216



236, 199, 203

Triad

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



230, 200, 216



188, 213, 183



177, 198, 225

Complementary

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



230, 200, 216



200, 220, 230

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.



176, 197, 216



230, 200, 216



189, 213, 204

Square

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



230, 200, 216



226, 226, 184



184, 204, 215



186, 202, 233

Rectangle

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



230, 200, 216



236, 201, 194



184, 204, 215



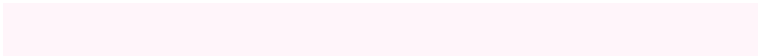
175, 197, 222

Sweetspot

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



230, 200, 216



255, 245, 250



214, 200, 230



128, 121, 125



0, 0, 0



128, 128, 128

Same Dimension

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



230, 200, 216



255, 214, 236



230, 200, 201



115, 103, 109



179, 0, 95



51, 0, 27

Inverse Universe

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



230, 200, 216



255, 214, 236



200, 215, 230



115, 103, 109



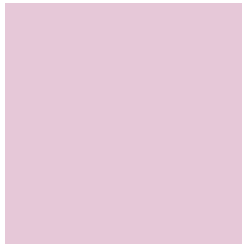
179, 0, 95



51, 0, 27

Previews

White Background



This preview shows how the RYB color 230, 200, 216 looks on a white background.

Color Contrast Check

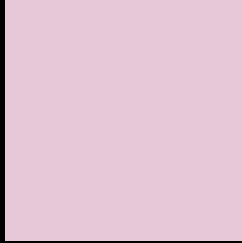
Large Text (above 18pt) WCAG AA × Fail

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 230, 200, 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 230, 200, 216 Background



This preview shows how black text looks on a background with the RYB color 230, 200, 216.

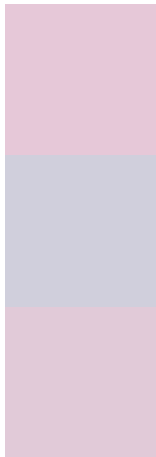


This preview shows how white text looks on a background with the RYB color 230, 200, 216.

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
230, 200, 216

Protanopia
208, 207, 220

Deuteranopia
225, 202, 216



Tritanopia
230, 200, 216

Trichromacy



Original Color

230, 200, 216

Protanomaly

216, 204, 219

Deuteranomaly

227, 201, 216

Tritanomaly

230, 200, 216

Monochromacy



Original Color

230, 200, 216

Achromatopsia

211, 211, 211

Achromatomaly

218, 207, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 200, 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(230, 200, 216) looks like.

```
.text, #text, p{  
    color:rgb(230, 200, 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(230, 200, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 200, 216) }
```

Border

The CSS property to change the border of an element to RYB 230, 200, 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(230, 200, 216) }
```

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

```
.border{ border-color:rgb(230, 200, 216) }
```

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

Here you see how a box with a 4 pixel rgb(230, 200, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 200, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 200, 216);  
box-shadow:4px 4px 4px 4px rgb(230, 200,  
216) }
```

Background

The CSS property to change the background color of an element to RYB 230, 200, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 200, 216) }
```

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

```
.background{ background-color: rgb(230,  
200, 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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