

Converting Colors

`RYB(230, 198, 209)`

Have a look what the booklet for
RYB(230, 198, 209) contains.

RYB(230, 198, 209)	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(230, 198, 209)

Conversions

Conversions Part 1

Format	Color
Hex	E6C6D1
RGB	230, 198, 209
RGB Percent	90%, 78%, 82%
CMY	0.0980, 0.2235, 0.1804
CMYK	0.00, 0.14, 0.09, 0.10
HSL	339°, 39%, 84%
HSV	339°, 14%, 90%
XYZ	64.3358, 61.8146, 68.8621
YIQ	208.8220, 15.5410, 10.2050

Conversions

Conversions Part 2

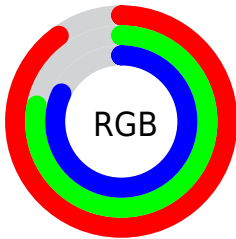
Format	Color
R _{YB}	230, 198, 209
Decimal	15124177
CIE _{Lab}	82.81, 13.08, -1.30
CIE _{LCh}	83, 13.150, 354.312
Y _{xy}	61.8146, 0.3299, 0.3170
Android (android.graphics.Color)	4293314257 (0xFFE6C6D1)
YUV	208.8220, 0.0878, 18.5731
Hunter-Lab	78.6223, 8.4758, 3.1058

Details

The RYB color **230, 198, 209** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **198, 217, 230**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **174, 144, 155** is the 20% darker color. If you saturate the color by 10%, you get **230, 175, 194**, and if you desaturate by 10%, it is **230, 221, 224**.

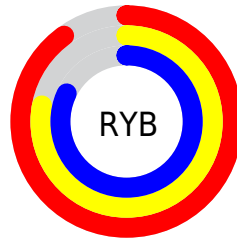
Distribution



Red (90%)

Green (78%)

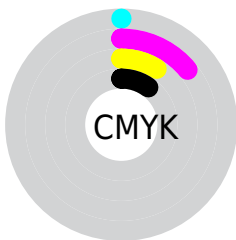
Blue (82%)



Red (90%)

Yellow (78%)

Blue (82%)

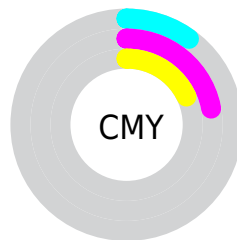


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (10%)



Cyan (10%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 230, 198, 209 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, 198, 209 by changing the saturation by 10% instead.

■ 230, 198, 209

255, 255, 255

■ 230, 198, 209

■ 202, 171, 181

■ 174, 144, 155

■ 147, 118, 129

■ 122, 94, 104

■ 96, 70, 80

■ 72, 47, 57

■ 49, 26, 35

■ 30, 0, 14

■ 0, 0, 0

230, 198, 209

230, 198, 209

230, 175, 194

230, 221, 224

230, 152, 179

230, 239, 244

230, 129, 164

230, 243, 255

230, 106, 149

230, 243, 255

230, 83, 134

230, 60, 118

230, 37, 103

230, 14, 88

230, 0, 79

Harmonies

Analogous

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



220, 200, 221



230, 198, 209



233, 198, 197

Triad

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



230, 198, 209



184, 208, 187



179, 198, 226

Complementary

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



230, 198, 209



198, 217, 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.



175, 195, 216



230, 198, 209



191, 212, 212

Square

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



230, 198, 209



207, 219, 182



180, 199, 213



190, 202, 230

Rectangle

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



230, 198, 209



231, 204, 189



180, 199, 213



177, 197, 223

Sweetspot

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



230, 198, 209



255, 245, 248



219, 198, 230



128, 121, 123



0, 0, 0



128, 128, 128

Same Dimension

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



230, 198, 209



255, 212, 227



230, 204, 198



115, 103, 107



179, 0, 61



51, 0, 18

Inverse Universe

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



230, 198, 209



255, 212, 227



198, 213, 230



115, 103, 107



179, 0, 61



51, 0, 18

Previews

White Background



This preview shows how the RYB color 230, 198, 209 looks on a white background.

Color Contrast Check

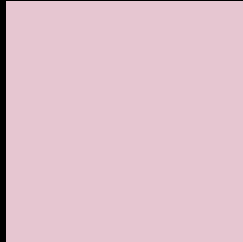
Large Text (above 18pt) WCAG AA × Fail

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, 198, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

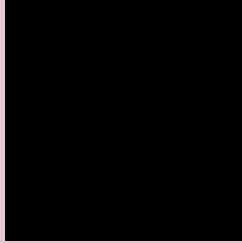
Any Text WCAG AA ✓ Pass

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, 198, 209 Background



This preview shows how black text looks on a background with the RYB color 230, 198, 209.



This preview shows how white text looks on a background with the RYB color 230, 198, 209.

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, 198, 209

Protanopia
208, 205, 213

Deuteranopia
225, 200, 209



Tritanopia
231, 197, 213

Trichromacy



Original Color
230, 198, 209

Protanomaly
216, 202, 212

Deuteranomaly
227, 199, 209

Tritanomaly
231, 197, 212

Monochromacy



Original Color
230, 198, 209

Achromatopsia
209, 209, 209

Achromatomaly
217, 205, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 230, 198, 209 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, 198, 209) looks like.

```
.text, #text, p{  
    color:rgb(230, 198, 209)  
}
```

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, 198, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 198, 209) }
```

Border

The CSS property to change the border of an element to RYB 230, 198, 209 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, 198, 209) }
```

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

```
.border{ border-color:rgb(230, 198, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 198, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 198, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 198, 209);  
box-shadow:4px 4px 4px 4px rgb(230, 198,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 230, 198, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 198, 209) }
```

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

```
.background{ background-color: rgb(230,  
198, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor