

Converting Colors

`RYB(229, 204, 218)`

Have a look what the booklet for RYB(229, 204, 218) contains.

RYB(229, 204, 218)	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(229, 204, 218)

Conversions

Conversions Part 1

Format	Color
Hex	E5CCDA
RGB	229, 204, 218
RGB Percent	90%, 80%, 85%
CMY	0.1020, 0.2000, 0.1451
CMYK	0.00, 0.11, 0.05, 0.10
HSL	326°, 32%, 85%
HSV	326°, 11%, 90%
XYZ	66.5609, 64.9057, 75.3496
YIQ	213.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

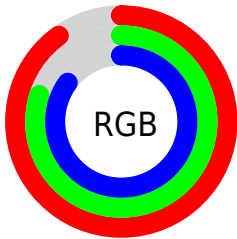
Format	Color
R _Y B	229, 204, 218
Decimal	15060186
CIE Lab	84.44, 11.10, -3.74
CIE LCh	84, 11.717, 341.387
Yxy	64.9057, 0.3218, 0.3138
Android (android.graphics.Color)	4293250266 (0xFFE5CCDA)
YUV	213.0710, 2.4300, 13.9697
Hunter-Lab	80.5641, 6.4869, 0.9424

Details

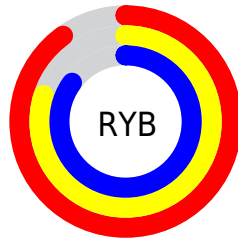
The RYB color **229, 204, 218** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **204, 221, 229**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **173, 150, 163** is the 20% darker color. If you saturate the color by 10%, you get **229, 181, 208**, and if you desaturate by 10%, it is **229, 227, 228**.

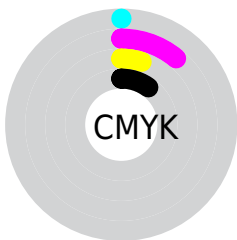
Distribution



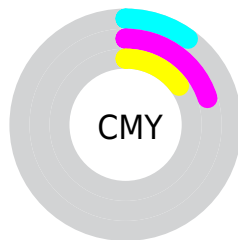
- Red (90%)
- Green (80%)
- Blue (85%)



- Red (90%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (11%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 204, 218 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 229, 204, 218 by changing the saturation by 10% instead.

■ 229, 204, 218

255, 255, 255

■ 229, 204, 218

■ 201, 177, 190

■ 173, 150, 163

■ 147, 124, 137

■ 121, 99, 112

■ 96, 75, 87

■ 72, 52, 64


■ 49, 31, 42

■ 29, 8, 22


■ 0, 0, 0

 229, 204, 218

 229, 204, 218

 229, 181, 208

 229, 227, 228

 229, 158, 198

 229, 244, 250


 229, 135, 188

 229, 244, 255

 229, 112, 178

 229, 242, 255

 229, 90, 168

 229, 67, 158

 229, 44, 147

 229, 21, 137

 229, 0, 128

Harmonies

Analogous

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



218, 207, 227



229, 204, 218



234, 203, 207

Triad

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



229, 204, 218



194, 215, 189



184, 202, 225

Complementary

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



229, 204, 218



204, 221, 229

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, 201, 217



229, 204, 218



194, 215, 206

Square

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



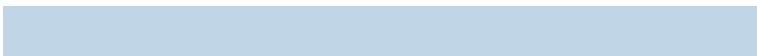
229, 204, 218



227, 225, 190



191, 209, 217



192, 206, 231

Rectangle

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



229, 204, 218



235, 205, 200



191, 209, 217



183, 201, 222

Sweetspot

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



229, 204, 218



255, 247, 252



215, 204, 229



128, 122, 125



0, 0, 0



128, 128, 128

Same Dimension

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



229, 204, 218



255, 222, 240



229, 204, 206



115, 103, 110



179, 0, 100



51, 0, 29

Inverse Universe

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



229, 204, 218



255, 222, 240



204, 217, 229



115, 103, 110



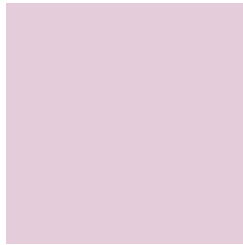
179, 0, 100



51, 0, 29

Previews

White Background



This preview shows how the RYB color 229, 204, 218 looks on a white background.

Color Contrast Check

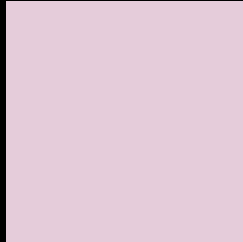
Large Text (above 18pt) WCAG AA × Fail

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 229, 204, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

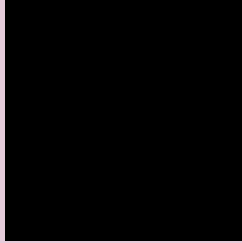
Any Text WCAG AA ✓ Pass

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 229, 204, 218 Background



This preview shows how black text looks on a background with the RYB color 229, 204, 218.

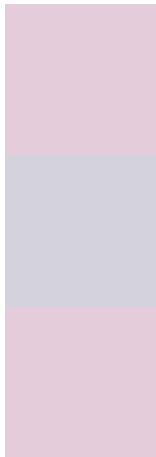


This preview shows how white text looks on a background with the RYB color 229, 204, 218.

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
229, 204, 218

Protanopia
211, 210, 221

Deuteranopia
228, 204, 218



Tritanopia
229, 204, 220

Trichromacy



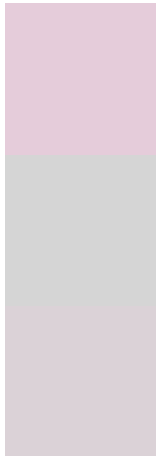
Original Color
229, 204, 218

Protanomaly
218, 208, 220

Deuteranomaly
228, 204, 218

Tritanomaly
229, 204, 219

Monochromacy



Original Color
229, 204, 218

Achromatopsia
213, 213, 213

Achromatomaly
219, 210, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 204, 218 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(229, 204, 218) looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 218)  
}
```

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(229, 204, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 218) }
```

Border

The CSS property to change the border of an element to RYB 229, 204, 218 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(229, 204, 218) }
```

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

```
.border{ border-color:rgb(229, 204, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 218);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 229, 204, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 218) }
```

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

```
.background{ background-color: rgb(229,  
204, 218) }
```

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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