

Converting Colors

`RYB(227, 203, 228)`

Have a look what the booklet for
RYB(227, 203, 228) contains.

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Color

R_YB(227, 203, 228)

Conversions

Conversions Part 1

Format	Color
Hex	E3CBE4
RGB	227, 203, 228
RGB Percent	89%, 80%, 89%
CMY	0.1098, 0.2039, 0.1059
CMYK	0.00, 0.11, 0.00, 0.11
HSL	298°, 32%, 85%
HSV	298°, 11%, 89%
XYZ	67.0381, 64.6442, 82.3431
YIQ	213.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

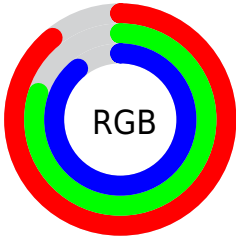
Format	Color
R _Y B	227, 203, 228
Decimal	14928868
CIE Lab	84.30, 12.74, -9.28
CIE LCh	84, 15.768, 323.927
Yxy	64.6442, 0.3132, 0.3020
Android (android.graphics.Color)	4293118948 (0xFFE3CBE4)
YUV	213.0260, 7.3822, 12.2552
Hunter-Lab	80.4016, 8.1287, -4.4405

Details

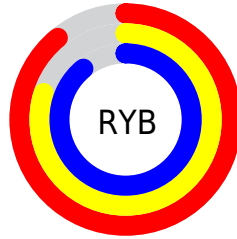
The RYB color **227, 203, 228** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **203, 228, 227**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is 255, 255, 255, and **172, 149, 173** is the 20% darker color. If you saturate the color by 10%, you get **226, 180, 228**, and if you desaturate by 10%, it is **228, 226, 228**.

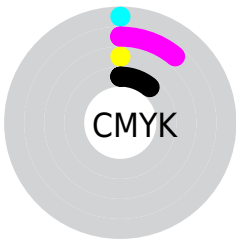
Distribution



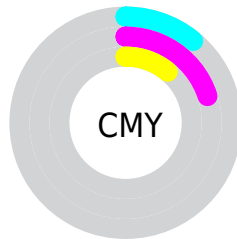
- Red (89%)
- Green (80%)
- Blue (89%)



- Red (89%)
- Yellow (80%)
- Blue (89%)



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



- Cyan (11%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 203, 228 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 227, 203, 228 by changing the saturation by 10% instead.

■ 227, 203, 228

255, 255, 255

■ 227, 203, 228

■ 199, 176, 200

■ 172, 149, 173

■ 145, 123, 146

■ 119, 98, 120

■ 94, 74, 96

■ 70, 51, 72

■ 48, 30, 49

■ 28, 7, 29

■ 0, 0, 0

227, 203, 228

227, 203, 228

226, 180, 228

228, 226, 228

225, 157, 228

228, 249, 248

224, 135, 228

228, 255, 253

223, 112, 228

228, 255, 252

222, 89, 228

228, 255, 251

222, 66, 228

228, 255, 250

221, 43, 228

228, 255, 249

220, 21, 228

228, 255, 248

219, 0, 228

Harmonies

Analogous

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



209, 208, 237



227, 203, 228



239, 200, 214

Triad

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



227, 203, 228



209, 225, 181



172, 196, 222

Complementary

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



227, 203, 228



203, 228, 227

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.



178, 202, 219



227, 203, 228



183, 213, 187

Square

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



227, 203, 228



237, 213, 187



192, 217, 217



177, 201, 234

Rectangle

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



227, 203, 228



242, 200, 204



192, 217, 217



173, 197, 219

Sweetspot

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



227, 203, 228



255, 247, 255



203, 204, 228



127, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



227, 203, 228



254, 222, 255



228, 203, 217



114, 103, 115



171, 0, 179



49, 0, 51

Inverse Universe

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



228, 203, 204



255, 222, 223



203, 220, 228



115, 103, 104



179, 0, 7



51, 0, 2

Previews

White Background



This preview shows how the RYB color 227, 203, 228 looks on a white background.

Color Contrast Check

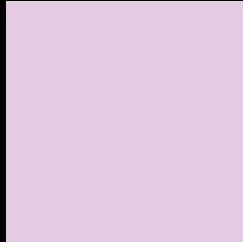
Large Text (above 18pt) WCAG AA × Fail

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 227, 203, 228 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 227, 203, 228 Background



This preview shows how black text looks on a background with the RYB color 227, 203, 228.

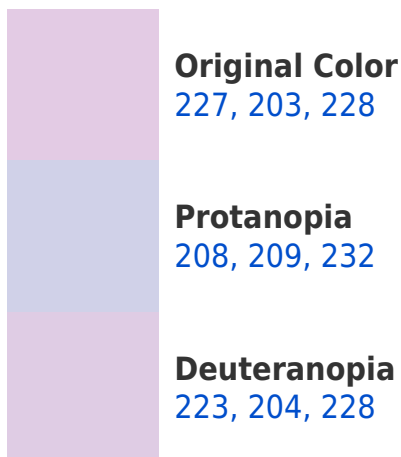


This preview shows how white text looks on a background with the RYB color 227, 203, 228.

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





Tritanopia
226, 204, 220

Trichromacy



Original Color
227, 203, 228

Protanomaly
215, 207, 231

Deuteranomaly
224, 204, 228

Tritanomaly
226, 204, 223

Monochromacy



Original Color
227, 203, 228

Achromatopsia
213, 213, 213

Achromatomaly
218, 209, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 203, 228 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(227, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 203, 228)  
}
```

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(227, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 203, 228) }
```

Border

The CSS property to change the border of an element to RYB 227, 203, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

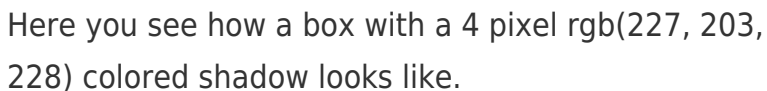
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 203, 228) }
```

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

```
.border{ border-color:rgb(227, 203, 228) }
```

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



Here you see how a box with a 4 pixel rgb(227, 203, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 203,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 227, 203, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 203, 228) }
```

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

```
.background{ background-color: rgb(227,  
203, 228) }
```

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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