

Converting Colors

`RYB(228, 191, 215)`

Have a look what the booklet for
RYB(228, 191, 215) contains.

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Color

R_YB(228, 191, 215)

Conversions

Conversions Part 1

Format	Color
Hex	E4BFD7
RGB	228, 191, 215
RGB Percent	89%, 75%, 84%
CMY	0.1059, 0.2510, 0.1569
CMYK	0.00, 0.16, 0.06, 0.11
HSL	321°, 41%, 82%
HSV	321°, 16%, 89%
XYZ	62.8915, 58.6619, 72.2981
YIQ	204.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

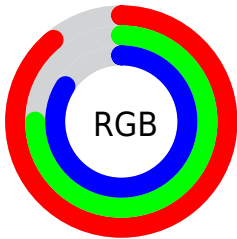
Format	Color
R _Y B	228, 191, 215
Decimal	14991319
CIE Lab	81.11, 17.14, -7.06
CIE LCh	81, 18.539, 337.617
Yxy	58.6619, 0.3244, 0.3026
Android (android.graphics.Color)	4293181399 (0xFFE4BFD7)
YUV	204.7990, 5.0291, 20.3473
Hunter-Lab	76.5910, 12.5380, -2.3531

Details

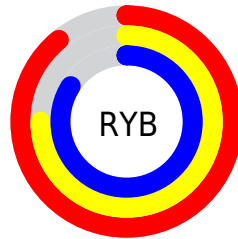
The RYB color **228, 191, 215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **191, 218, 228**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 247, 255**, and **172, 137, 160** is the 20% darker color. If you saturate the color by 10%, you get **228, 168, 207**, and if you desaturate by 10%, it is **228, 214, 223**.

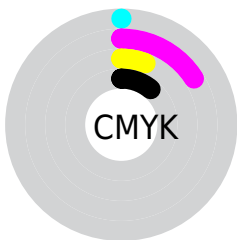
Distribution



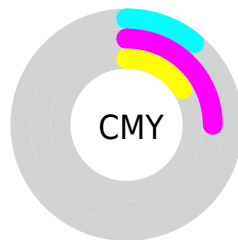
- Red (89%)
- Green (75%)
- Blue (84%)



- Red (89%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 191, 215 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 228, 191, 215 by changing the saturation by 10% instead.


 228, 191, 215

255, 255, 255

 255, 247, 255

 228, 191, 215


 200, 164, 187


 172, 137, 160

 146, 112, 134

 120, 87, 109

 95, 64, 85

 71, 41, 61

 48, 20, 40

 29, 0, 19

 0, 0, 0

■ 228, 191, 215

■ 228, 191, 215

■ 228, 168, 207

■ 228, 214, 223

■ 228, 145, 199

■ 228, 235, 237

■ 228, 123, 191

■ 228, 247, 255

■ 228, 100, 183

■ 228, 244, 255

■ 228, 77, 175

■ 228, 242, 255

■ 228, 54, 167

■ 228, 31, 159

■ 228, 9, 151

■ 228, 0, 148

Harmonies

Analogous

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



210, 196, 229



228, 191, 215



237, 189, 197

Triad

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



228, 191, 215



178, 211, 167



156, 186, 222

Complementary

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



228, 191, 215



191, 218, 228

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.



159, 187, 212



228, 191, 215



174, 207, 190

Square

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



228, 191, 215



227, 218, 170



172, 199, 210



167, 192, 233

Rectangle

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



228, 191, 215



238, 190, 186



172, 199, 210



156, 185, 217

Sweetspot

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



228, 191, 215



255, 242, 251



204, 191, 228



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



228, 191, 215



255, 207, 238



228, 191, 197



115, 103, 111



179, 0, 116



51, 0, 33

Inverse Universe

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



228, 191, 215



255, 207, 238



191, 211, 228



115, 103, 111



179, 0, 116



51, 0, 33

Previews

White Background



This preview shows how the RYB color 228, 191, 215 looks on a white background.

Color Contrast Check

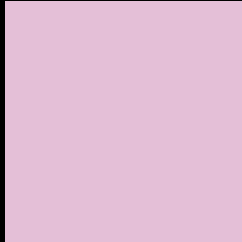
Large Text (above 18pt) WCAG AA × Fail

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 228, 191, 215 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 228, 191, 215 Background



This preview shows how black text looks on a background with the RYB color 228, 191, 215.



This preview shows how white text looks on a background with the RYB color 228, 191, 215.

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
228, 191, 215

Protanopia
200, 200, 221

Deuteranopia
215, 196, 214



Tritanopia
227, 192, 207

Trichromacy



Original Color

228, 191, 215

Protanomaly

210, 197, 219

Deuteranomaly

220, 194, 214

Tritanomaly

227, 192, 210

Monochromacy



Original Color

228, 191, 215

Achromatopsia

205, 205, 205

Achromatomaly

213, 200, 209

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 191, 215 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(228, 191, 215) looks like.

```
.text, #text, p{  
    color:rgb(228, 191, 215)  
}
```

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(228, 191, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 191, 215) }
```

Border

The CSS property to change the border of an element to RYB 228, 191, 215 is called "border". The border property can be set on classes, ids or directly on the HTML element.

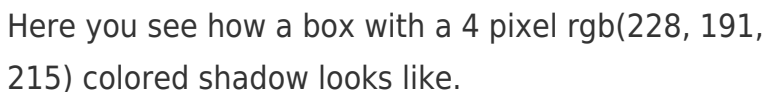
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 191, 215) }
```

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

```
.border{ border-color:rgb(228, 191, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 191, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 191, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 191, 215);  
box-shadow:4px 4px 4px 4px rgb(228, 191,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 228, 191, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 191, 215) }
```

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

```
.background{ background-color: rgb(228,  
191, 215) }
```

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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