

Converting Colors

`RYB(227, 188, 213)`

Have a look what the booklet for
RYB(227, 188, 213) contains.

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Color

R_YB(227, 188, 213)

Conversions

Conversions Part 1

Format	Color
Hex	E3BCD5
RGB	227, 188, 213
RGB Percent	89%, 74%, 84%
CMY	0.1098, 0.2627, 0.1647
CMYK	0.00, 0.17, 0.06, 0.11
HSL	322°, 41%, 81%
HSV	322°, 17%, 89%
XYZ	61.6720, 57.1014, 70.7220
YIQ	202.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

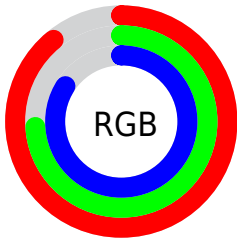
Format	Color
R _Y B	227, 188, 213
Decimal	14925013
CIE Lab	80.24, 18.05, -7.28
CIE LCh	80, 19.465, 338.037
Yxy	57.1014, 0.3255, 0.3013
Android (android.graphics.Color)	4293115093 (0xFFE3BCD5)
YUV	202.5110, 5.1711, 21.4769
Hunter-Lab	75.5655, 13.4414, -2.5939

Details

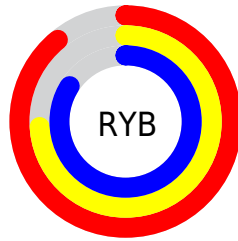
The RYB color **227, 188, 213** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **188, 217, 227**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **255, 244, 255**, and **171, 135, 158** is the 20% darker color. If you saturate the color by 10%, you get **227, 165, 205**, and if you desaturate by 10%, it is **227, 211, 221**.

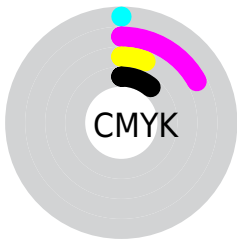
Distribution



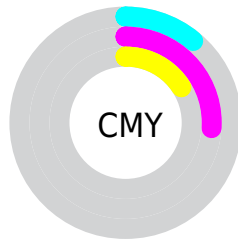
- Red (89%)
- Green (74%)
- Blue (84%)



- Red (89%)
- Yellow (74%)
- Blue (84%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (11%)




- Cyan (11%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 227, 188, 213 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, 188, 213 by changing the saturation by 10% instead.


 227, 188, 213

255, 255, 255

 255, 244, 255

 227, 188, 213


 199, 161, 185


 171, 135, 158


 145, 109, 132

 119, 85, 107

 94, 61, 83


 70, 39, 60


 47, 18, 38

 29, 0, 18


 0, 0, 0

 227, 188, 213


 227, 188, 213

 227, 165, 205

 227, 211, 221

 227, 143, 197

 227, 232, 233

 227, 120, 189

 227, 248, 255

 227, 97, 180

 227, 244, 255

 227, 75, 172

 227, 241, 255

 227, 52, 164

 227, 241, 255

 227, 29, 156

 227, 6, 148

 227, 0, 146

Harmonies

Analogous

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



208, 193, 228



227, 188, 213



236, 186, 195

Triad

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



227, 188, 213



174, 208, 163



151, 182, 221

Complementary

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



227, 188, 213



188, 217, 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.



154, 184, 210



227, 188, 213



170, 205, 187

Square

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



227, 188, 213



225, 216, 166



168, 196, 208



163, 189, 232

Rectangle

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



227, 188, 213



237, 187, 183



168, 196, 208



151, 181, 215

Sweetspot

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



227, 188, 213



255, 242, 250



202, 188, 227



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



227, 188, 213



255, 201, 236



227, 188, 194



115, 103, 111



179, 0, 114



51, 0, 33

Inverse Universe

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



227, 188, 213



255, 201, 236



188, 209, 227



115, 103, 111



179, 0, 114



51, 0, 33

Previews

White Background



This preview shows how the RYB color 227, 188, 213 looks on a white background.

Color Contrast Check

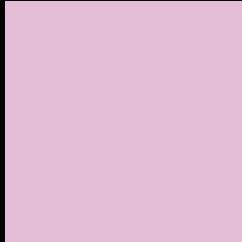
Large Text (above 18pt) WCAG AA × Fail

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, 188, 213 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, 188, 213 Background



This preview shows how black text looks on a background with the RYB color 227, 188, 213.




This preview shows how white text looks on a background with the RYB color 227, 188, 213.

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, 189, 204

Trichromacy



Original Color
227, 188, 213

Protanomaly
208, 194, 217

Deuteranomaly
218, 191, 212

Tritanomaly
226, 189, 207

Monochromacy



Original Color
227, 188, 213

Achromatopsia
203, 203, 203

Achromatomaly
212, 198, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 227, 188, 213 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, 188, 213)` looks like.

```
.text, #text, p{  
    color:rgb(227, 188, 213)  
}
```

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, 188, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 188, 213) }
```

Border

The CSS property to change the border of an element to RYB 227, 188, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

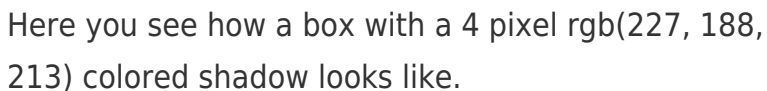
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 188, 213) }
```

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

```
.border{ border-color:rgb(227, 188, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 188, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 188, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 188, 213); box-shadow:4px 4px 4px 4px rgb(227, 188, 213) }
```

Background

The CSS property to change the background color of an element to RYB 227, 188, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 188, 213) }
```

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

```
.background{ background-color: rgb(227,  
188, 213) }
```

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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