

Converting Colors

`RYB(228, 180, 187)`

Have a look what the booklet for RYB(228, 180, 187) contains.

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Color

R_YB(228, 180, 187)

Conversions

Conversions Part 1

Format	Color
Hex	E4B4BB
RGB	228, 180, 187
RGB Percent	89%, 71%, 73%
CMY	0.1059, 0.2941, 0.2667
CMYK	0.00, 0.21, 0.18, 0.11
HSL	351°, 47%, 80%
HSV	351°, 21%, 89%
XYZ	57.2858, 52.7244, 54.1712
YIQ	195.1500, 26.3610, 12.3530

Conversions

Conversions Part 2

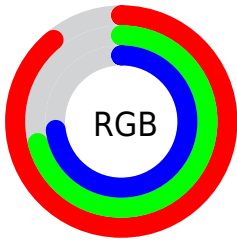
Format	Color
R _Y B	228, 180, 187
Decimal	14988475
CIE Lab	77.71, 18.42, 3.10
CIE LCh	78, 18.678, 9.539
Yxy	52.7244, 0.3489, 0.3211
Android (android.graphics.Color)	4293178555 (0xFFE4B4BB)
YUV	195.1500, -4.0180, 28.8094
Hunter-Lab	72.6115, 13.7548, 6.5953

Details

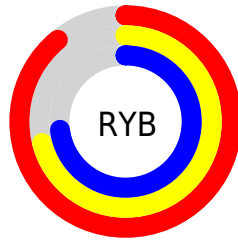
The RYB color **228, 180, 187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 206, 228**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 236, 243**, and **172, 127, 134** is the 20% darker color. If you saturate the color by 10%, you get **228, 157, 168**, and if you desaturate by 10%, it is **228, 203, 206**.

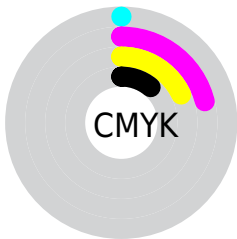
Distribution



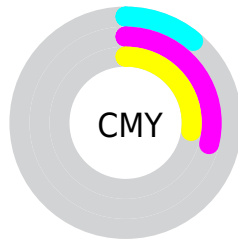
- Red (89%)
- Green (71%)
- Blue (73%)



- Red (89%)
- Yellow (71%)
- Blue (73%)



- Cyan (0%)
- Magenta (21%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 228, 180, 187 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, 180, 187 by changing the saturation by 10% instead.


 228, 180, 187

255, 255, 255

 255, 236, 243

 228, 180, 187

 200, 153, 160

 172, 127, 134

 145, 102, 109

 119, 78, 84

 93, 54, 61

 69, 32, 40

 45, 11, 19

 20, 0, 0

 0, 0, 0

■ 228, 180, 187

■ 228, 180, 187

■ 228, 157, 168

■ 228, 203, 206

■ 228, 134, 148

■ 228, 226, 226

■ 228, 112, 129

■ 228, 239, 248

■ 228, 89, 109

■ 228, 242, 255

■ 228, 66, 90

■ 228, 43, 70

■ 228, 20, 51

■ 228, 0, 33

Harmonies

Analogous

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



219, 181, 205



228, 180, 187



227, 185, 171

Triad

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



228, 180, 187



165, 198, 183



159, 183, 224

Complementary

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



228, 180, 187



180, 206, 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.



147, 177, 213



228, 180, 187



161, 189, 201

Square

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



228, 180, 187



166, 200, 158



148, 176, 202



180, 190, 226

Rectangle

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



228, 180, 187



221, 198, 163



148, 176, 202



154, 181, 221

Sweetspot

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



228, 180, 187



255, 240, 242



221, 180, 228



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



228, 180, 187



255, 191, 201



228, 206, 180



115, 103, 105



179, 0, 26



51, 0, 7

Inverse Universe

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



228, 180, 187



255, 191, 201



180, 199, 228



115, 103, 105



179, 0, 26



51, 0, 7

Previews

White Background



This preview shows how the RYB color 228, 180, 187 looks on a white background.

Color Contrast Check

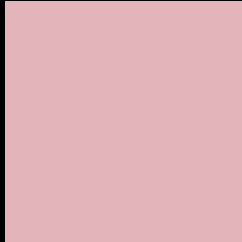
Large Text (above 18pt) WCAG AA × Fail

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, 180, 187 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](#).

R Y B 228, 180, 187 Background



This preview shows how black text looks on a background with the R Y B color 228, 180, 187.



This preview shows how white text looks on a background with the R Y B color 228, 180, 187.

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, 180, 187

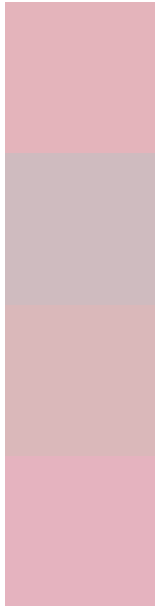
Protanopia
195, 191, 193

Deuteranopia
213, 186, 186



Tritanopia
229, 179, 193

Trichromacy



Original Color

228, 180, 187

Protanomaly

207, 187, 191

Deuteranomaly

218, 184, 186

Tritanomaly

229, 179, 191

Monochromacy



Original Color

228, 180, 187

Achromatopsia

195, 195, 195

Achromatomaly

207, 190, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 180, 187 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, 180, 187) looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 187)  
}
```

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, 180, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 187) }
```

Border

The CSS property to change the border of an element to RYB 228, 180, 187 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, 180, 187) }
```

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

```
.border{ border-color:rgb(228, 180, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 180, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 180, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 180, 187);  
box-shadow:4px 4px 4px 4px rgb(228, 180,  
187) }
```

Background

The CSS property to change the background color of an element to RGB 228, 180, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 180, 187) }
```

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

```
.background{ background-color: rgb(228,  
180, 187) }
```

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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