

Converting Colors

`RYB(228, 180, 192)`

Have a look what the booklet for RYB(228, 180, 192) contains.

RYB(228, 180, 192)	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

`RYB(228, 180, 192)`

Conversions

Conversions Part 1

Format	Color
Hex	E4B4C0
RGB	228, 180, 192
RGB Percent	89%, 71%, 75%
CMY	0.1059, 0.2941, 0.2471
CMYK	0.00, 0.21, 0.16, 0.11
HSL	345°, 47%, 80%
HSV	345°, 21%, 89%
XYZ	57.8306, 52.9423, 57.0400
YIQ	195.7200, 24.7560, 13.9080

Conversions

Conversions Part 2

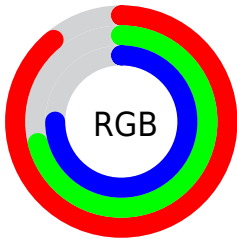
Format	Color
R _Y B	228, 180, 192
Decimal	14988480
CIE Lab	77.84, 19.20, 0.57
CIE LCh	78, 19.207, 1.695
Yxy	52.9423, 0.3446, 0.3155
Android (android.graphics.Color)	4293178560 (0xFFE4B4C0)
YUV	195.7200, -1.8340, 28.3096
Hunter-Lab	72.7614, 14.5388, 4.4537

Details

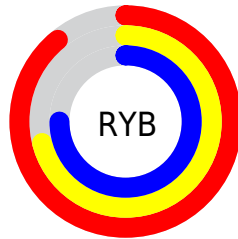
The RYB color **228, 180, 192** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **180, 207, 228**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **255, 236, 248**, and **172, 127, 139** is the 20% darker color. If you saturate the color by 10%, you get **228, 157, 175**, and if you desaturate by 10%, it is **228, 203, 209**.

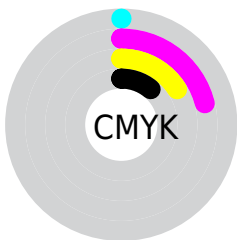
Distribution



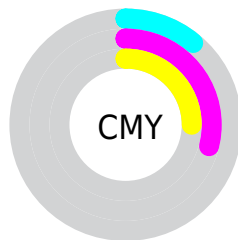
- Red (89%)
- Green (71%)
- Blue (75%)



- Red (89%)
- Yellow (71%)
- Blue (75%)



- Cyan (0%)
- Magenta (21%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 228, 180, 192 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, 192 by changing the saturation by 10% instead.

 228, 180, 192

 228, 180, 192


255, 255, 255


 200, 153, 165

 255, 236, 248

 172, 127, 139

 145, 102, 113

 119, 77, 89

 93, 54, 65

 69, 32, 43


 46, 11, 23

 22, 0, 0

 0, 0, 0

 228, 180, 192

 228, 180, 192

 228, 157, 175

 228, 203, 209

 228, 134, 158


 228, 226, 226

 228, 112, 141

 228, 239, 248

 228, 89, 124

 228, 242, 255

 228, 66, 106

 228, 43, 89

 228, 20, 72

 228, 0, 57

Harmonies

Analogous

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



217, 182, 210



228, 180, 192



229, 182, 174

Triad

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



228, 180, 192



162, 197, 173



154, 181, 223

Complementary

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



228, 180, 192



180, 207, 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.



145, 175, 210



228, 180, 192



166, 194, 201

Square

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



228, 180, 192



177, 205, 157



150, 179, 203



174, 189, 228

Rectangle

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



228, 180, 192



225, 193, 165



150, 179, 203



149, 179, 220

Sweetspot

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



228, 180, 192



255, 240, 244



216, 180, 228



128, 119, 121



0, 0, 0



128, 128, 128

Same Dimension

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



228, 180, 192



255, 191, 207



228, 196, 180



115, 103, 106



179, 0, 45



51, 0, 13

Inverse Universe

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



228, 180, 192



255, 191, 207



180, 201, 228



115, 103, 106



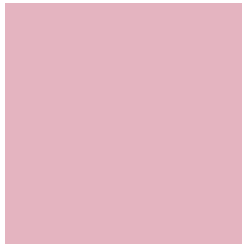
179, 0, 45



51, 0, 13

Previews

White Background



This preview shows how the RYB color 228, 180, 192 looks on a white background.

Color Contrast Check

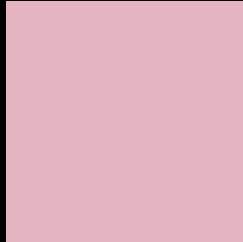
Large Text (above 18pt) WCAG AA × Fail

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, 192 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, 180, 192 Background



This preview shows how black text looks on a background with the RYB color 228, 180, 192.



This preview shows how white text looks on a background with the RYB color 228, 180, 192.

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, 192

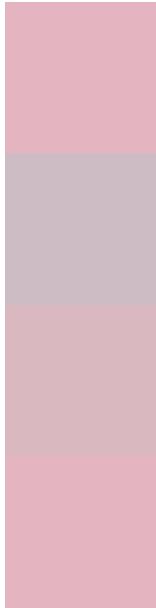
Protanopia
194, 192, 199

Deuteranopia
212, 186, 191



Tritanopia
228, 180, 194

Trichromacy



Original Color

228, 180, 192

Protanomaly

206, 188, 196

Deuteranomaly

218, 184, 191

Tritanomaly

228, 180, 193

Monochromacy



Original Color

228, 180, 192

Achromatopsia

196, 196, 196

Achromatomaly

208, 190, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 228, 180, 192 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, 192) looks like.

```
.text, #text, p{  
    color:rgb(228, 180, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 180, 192) }
```

Border

The CSS property to change the border of an element to RYB 228, 180, 192 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, 192) }
```

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

```
.border{ border-color:rgb(228, 180, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 180, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 180, 192); box-shadow:4px 4px 4px 4px rgb(228, 180, 192) }
```

Background

The CSS property to change the background color of an element to RGB 228, 180, 192 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, 192) }
```

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

```
.background{ background-color: rgb(228,  
180, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor