

Converting Colors

`RYB(214, 181, 203)`

Have a look what the booklet for RYB(214, 181, 203) contains.

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Color

R_YB(214, 181, 203)

Conversions

Conversions Part 1

Format	Color
Hex	D6B5CB
RGB	214, 181, 203
RGB Percent	84%, 71%, 80%
CMY	0.1608, 0.2902, 0.2039
CMYK	0.00, 0.15, 0.05, 0.16
HSL	320°, 29%, 77%
HSV	320°, 15%, 84%
XYZ	55.0349, 51.6557, 63.5698
YIQ	193.3750, 12.6060, 13.8380

Conversions

Conversions Part 2

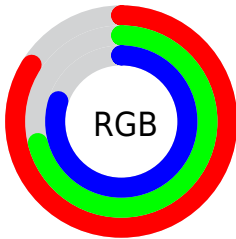
Format	Color
RYB	214, 181, 203
Decimal	14071243
CIELab	77.07, 15.56, -6.68
CIELCh	77, 16.936, 336.753
Yxy	51.6557, 0.3232, 0.3034
Android (android.graphics.Color)	4292261323 (0xFFD6B5CB)
YUV	193.3750, 4.7451, 18.0881
Hunter-Lab	71.8719, 10.9081, -2.1310

Details

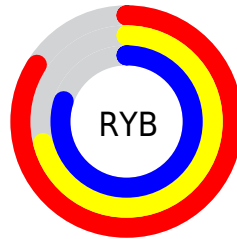
The RYB color **214, 181, 203** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **181, 206, 214**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 237, 255**, and **159, 128, 149** is the 20% darker color. If you saturate the color by 10%, you get **214, 160, 196**, and if you desaturate by 10%, it is **214, 202, 210**.

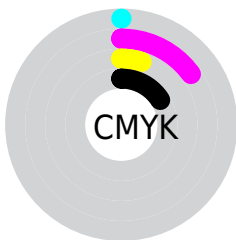
Distribution



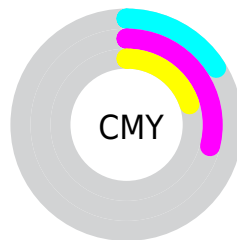
- Red (84%)
- Green (71%)
- Blue (80%)



- Red (84%)
- Yellow (71%)
- Blue (80%)



- Cyan (0%)
- Magenta (15%)
- Yellow (5%)
- Black (16%)




- Cyan (16%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 181, 203 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 214, 181, 203 by changing the saturation by 10% instead.

 214, 181, 203

255, 255, 255

 255, 237, 255

 214, 181, 203

 186, 154, 176

 159, 128, 149

 133, 103, 123

 107, 79, 98


 83, 56, 74


 59, 34, 52


 37, 13, 31

 6, 0, 4


 0, 0, 0

 214, 181, 203

 214, 181, 203

 214, 160, 196

 214, 202, 210

 214, 138, 189


 214, 222, 224

 214, 117, 182

 214, 237, 245

 214, 95, 174

 214, 242, 255

 214, 74, 167

 214, 239, 255

 214, 53, 160

 214, 237, 255

 214, 31, 153

 214, 235, 255

 214, 10, 146

 214, 235, 255

 214, 0, 143

Harmonies

Analogous

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



198, 185, 215



214, 181, 203



223, 179, 187

Triad

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



214, 181, 203



171, 199, 159



150, 177, 208

Complementary

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



214, 181, 203



181, 206, 214

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.



152, 178, 200



214, 181, 203



165, 195, 179

Square

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



214, 181, 203



214, 203, 162



164, 189, 198



159, 182, 219

Rectangle

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



214, 181, 203



223, 180, 177



164, 189, 198



149, 175, 204

Sweetspot

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



214, 181, 203



255, 242, 251



192, 181, 214



128, 120, 125



0, 0, 0



128, 128, 128

Same Dimension

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



214, 181, 203



255, 207, 239



214, 181, 187



107, 96, 104



171, 0, 114



43, 0, 29

Inverse Universe

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



214, 181, 203



255, 207, 239



181, 199, 214



107, 96, 104



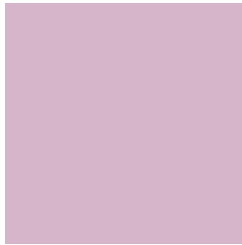
171, 0, 114



43, 0, 29

Previews

White Background



This preview shows how the RYB color 214, 181, 203 looks on a white background.

Color Contrast Check

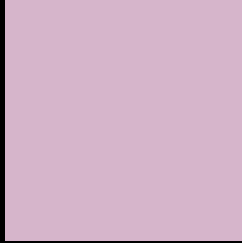
Large Text (above 18pt) WCAG AA × Fail

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 214, 181, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

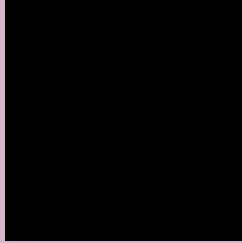
Any Text WCAG AA ✓ Pass

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 214, 181, 203 Background



This preview shows how black text looks on a background with the RYB color 214, 181, 203.

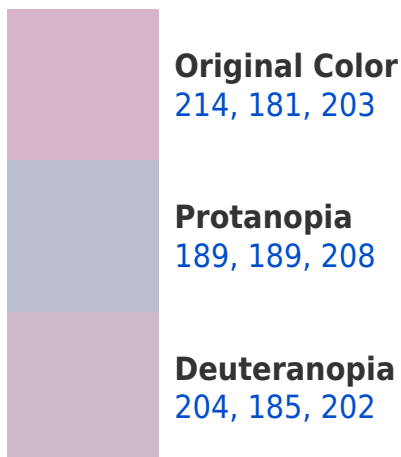



This preview shows how white text looks on a background with the RYB color 214, 181, 203.

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
213, 182, 196

Trichromacy



Original Color
214, 181, 203

Protanomaly
198, 186, 206

Deuteranomaly
208, 184, 202

Tritanomaly
213, 182, 199

Monochromacy



Original Color
214, 181, 203

Achromatopsia
193, 193, 193

Achromatomaly
201, 189, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 181, 203 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(214, 181, 203) looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 203)  
}
```

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(214, 181, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 203) }
```

Border

The CSS property to change the border of an element to RYB 214, 181, 203 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(214, 181, 203) }
```

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

```
.border{ border-color:rgb(214, 181, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 214, 181, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 203) }
```

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

```
.background{ background-color: rgb(214,  
181, 203) }
```

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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