

Converting Colors

`RYB(214, 174, 206)`

Have a look what the booklet for
RYB(214, 174, 206) contains.

RYB(214, 174, 206)	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

R_YB(214, 174, 206)

Conversions

Conversions Part 1

Format	Color
Hex	D6AECE
RGB	214, 174, 206
RGB Percent	84%, 68%, 81%
CMY	0.1608, 0.3176, 0.1922
CMYK	0.00, 0.19, 0.04, 0.16
HSL	312°, 33%, 76%
HSV	312°, 19%, 84%
XYZ	54.0082, 49.0245, 65.0086
YIQ	189.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

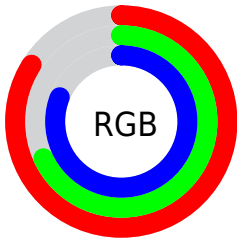
Format	Color
RYB	214, 174, 206
Decimal	14069454
CIELab	75.47, 19.88, -10.71
CIELCh	75, 22.585, 331.695
Yxy	49.0245, 0.3214, 0.2917
Android (android.graphics.Color)	4292259534 (0xFFD6AECE)
YUV	189.6080, 8.0813, 21.3918
Hunter-Lab	70.0175, 15.1559, -6.0363

Details

The RYB color **214, 174, 206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **174, 207, 214**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **255, 230, 255**, and **159, 121, 152** is the 20% darker color. If you saturate the color by 10%, you get **214, 153, 202**, and if you desaturate by 10%, it is **214, 195, 210**.

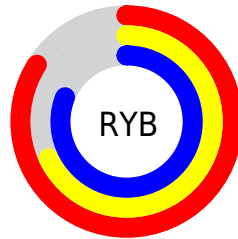
Distribution



Red (84%)

Green (68%)

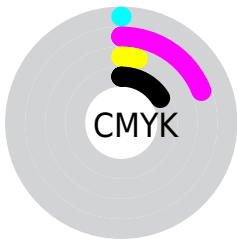
Blue (81%)



Red (84%)

Yellow (68%)

Blue (81%)

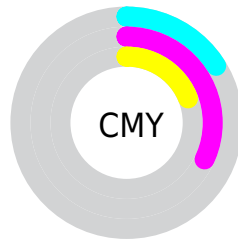


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (16%)



Cyan (16%)


Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 174, 206 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, 174, 206 by changing the saturation by 10% instead.


 214, 174, 206

 214, 174, 206

255, 255, 255

 186, 147, 178

 255, 230, 255

 159, 121, 152

 133, 96, 126

 107, 72, 101


 82, 49, 77


 59, 27, 54

 37, 5, 33

 0, 0, 7


 0, 0, 0

 214, 174, 206

 214, 174, 206

 214, 153, 202

 214, 195, 210

 214, 131, 197


 214, 216, 217

 214, 110, 193

 214, 234, 238

 214, 88, 189


 214, 248, 255

 214, 67, 185

 214, 245, 255

 214, 46, 180

 214, 242, 255

 214, 24, 176

 214, 241, 255

 214, 3, 172

 214, 239, 255

 214, 0, 171

 214, 237, 255

Harmonies

Analogous

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



191, 180, 221



214, 174, 206



227, 171, 185

Triad

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



214, 174, 206



166, 201, 144



128, 165, 207

Complementary

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



214, 174, 206



174, 207, 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.



135, 170, 198



214, 174, 206



150, 191, 163

Square

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



214, 174, 206



219, 197, 150



154, 187, 196



139, 172, 222

Rectangle

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



214, 174, 206



229, 172, 171



154, 187, 196



128, 163, 200

Sweetspot

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



214, 174, 206



255, 240, 252



182, 174, 214



128, 119, 126



0, 0, 0



128, 128, 128

Same Dimension

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



214, 174, 206



255, 199, 244



214, 174, 186



107, 96, 105



171, 0, 137



43, 0, 35

Inverse Universe

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



214, 174, 206



255, 199, 244



174, 198, 214



107, 96, 105



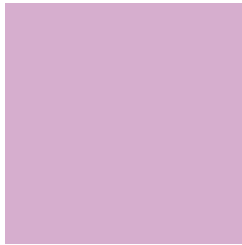
171, 0, 137



43, 0, 35

Previews

White Background



This preview shows how the RYB color 214, 174, 206 looks on a white background.

Color Contrast Check

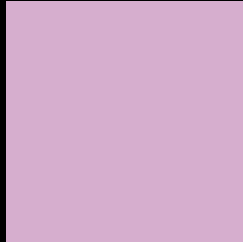
Large Text (above 18pt) WCAG AA × Fail

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, 174, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

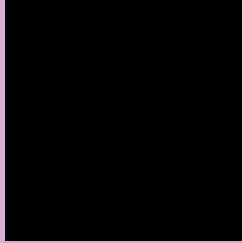
Any Text WCAG AA ✓ Pass

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, 174, 206 Background



This preview shows how black text looks on a background with the RYB color 214, 174, 206.

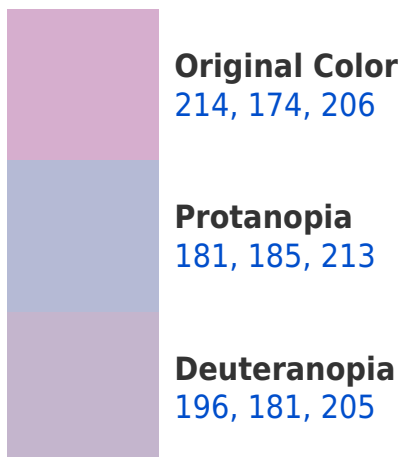


This preview shows how white text looks on a background with the RYB color 214, 174, 206.

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
212, 177, 190

Trichromacy



Original Color
214, 174, 206

Protanomaly
193, 181, 210

Deuteranomaly
203, 178, 205

Tritanomaly
213, 176, 196

Monochromacy



Original Color
214, 174, 206

Achromatopsia
190, 190, 190

Achromatomaly
199, 184, 196

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 174, 206 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, 174, 206) looks like.

```
.text, #text, p{  
    color:rgb(214, 174, 206)  
}
```

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, 174, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 174, 206) }
```

Border

The CSS property to change the border of an element to RYB 214, 174, 206 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, 174, 206) }
```

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

```
.border{ border-color:rgb(214, 174, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 174, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 174, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 174, 206);  
box-shadow:4px 4px 4px 4px rgb(214, 174,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 214, 174, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 174, 206) }
```

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

```
.background{ background-color: rgb(214,  
174, 206) }
```

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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