

Converting Colors

`RYB(222, 184, 201)`

Have a look what the booklet for
RYB(222, 184, 201) contains.

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Color

R_YB(222, 184, 201)

Conversions

Conversions Part 1

Format	Color
Hex	DEB8C9
RGB	222, 184, 201
RGB Percent	87%, 72%, 79%
CMY	0.1294, 0.2784, 0.2118
CMYK	0.00, 0.17, 0.09, 0.13
HSL	333°, 37%, 80%
HSV	333°, 17%, 87%
XYZ	57.8073, 54.0276, 62.6399
YIQ	197.3000, 17.1910, 13.3430

Conversions

Conversions Part 2

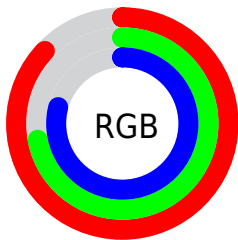
Format	Color
R _Y B	222, 184, 201
Decimal	14596297
CIE Lab	78.48, 16.40, -3.45
CIE LCh	78, 16.754, 348.131
Yxy	54.0276, 0.3313, 0.3097
Android (android.graphics.Color)	4292786377 (0xFFDEB8C9)
YUV	197.3000, 1.8241, 21.6619
Hunter-Lab	73.5035, 11.7514, 0.9253

Details

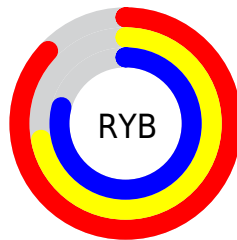
The RYB color **222, 184, 201** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **184, 208, 222**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 240, 255**, and **167, 131, 147** is the 20% darker color. If you saturate the color by 10%, you get **222, 162, 189**, and if you desaturate by 10%, it is **222, 206, 213**.

Distribution



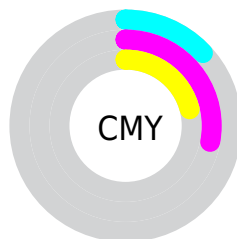
- Red (87%)
- Green (72%)
- Blue (79%)



- Red (87%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (13%)




- Cyan (13%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the RYB color 222, 184, 201 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 222, 184, 201 by changing the saturation by 10% instead.

 222, 184, 201


255, 255, 255


 255, 240, 255

 222, 184, 201

 194, 157, 174


 167, 131, 147

 140, 106, 121

 114, 81, 97

 89, 58, 73

 65, 36, 50

 43, 15, 29

 21, 0, 2

 0, 0, 0

■ 222, 184, 201

■ 222, 184, 201

■ 222, 162, 189

■ 222, 206, 213

■ 222, 140, 176

■ 222, 226, 228

■ 222, 117, 164

■ 222, 241, 251

■ 222, 95, 152

■ 222, 240, 255

■ 222, 73, 140

■ 222, 239, 255

■ 222, 51, 127

■ 222, 29, 115

■ 222, 6, 103

■ 222, 0, 99

Harmonies

Analogous

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



208, 187, 215



222, 184, 201



227, 184, 185

Triad

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



222, 184, 201



165, 196, 165



156, 182, 217

Complementary

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



222, 184, 201



184, 208, 222

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, 179, 203



222, 184, 201



173, 200, 194

Square

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



222, 184, 201



204, 213, 164



163, 188, 203



170, 188, 224

Rectangle

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



222, 184, 201



226, 187, 176



163, 188, 203



154, 180, 213

Sweetspot

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



222, 184, 201



255, 242, 248



205, 184, 222



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



222, 184, 201



255, 201, 225



222, 186, 184



112, 101, 106



176, 0, 79



48, 0, 22

Inverse Universe

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



222, 184, 201



255, 201, 225



184, 202, 222



112, 101, 106



176, 0, 79



48, 0, 22

Previews

White Background



This preview shows how the RYB color 222, 184, 201 looks on a white background.

Color Contrast Check

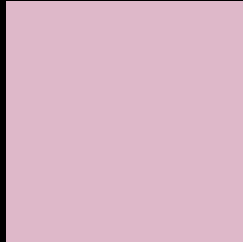
Large Text (above 18pt) WCAG AA × Fail

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 222, 184, 201 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 222, 184, 201 Background



This preview shows how black text looks on a background with the RYB color 222, 184, 201.



This preview shows how white text looks on a background with the RYB color 222, 184, 201.

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
222, 184, 201

Protanopia
194, 193, 207

Deuteranopia
210, 188, 200



Tritanopia
222, 184, 199

Trichromacy



Original Color

222, 184, 201

Protanomaly

204, 190, 205

Deuteranomaly

214, 187, 200

Tritanomaly

222, 184, 200

Monochromacy



Original Color

222, 184, 201

Achromatopsia

197, 197, 197

Achromatomaly

206, 192, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 222, 184, 201 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(222, 184, 201) looks like.

```
.text, #text, p{  
    color:rgb(222, 184, 201)  
}
```

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(222, 184, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 184, 201) }
```

Border

The CSS property to change the border of an element to RYB 222, 184, 201 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(222, 184, 201) }
```

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

```
.border{ border-color:rgb(222, 184, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 184, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 184, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 184, 201);  
box-shadow:4px 4px 4px 4px rgb(222, 184,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 222, 184, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 184, 201) }
```

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

```
.background{ background-color: rgb(222,  
184, 201) }
```

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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