

Converting Colors

`RYB(224, 199, 203)`

Have a look what the booklet for
RYB(224, 199, 203) contains.

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Color

R_YB(224, 199, 203)

Conversions

Conversions Part 1

Format	Color
Hex	E0C7CB
RGB	224, 199, 203
RGB Percent	88%, 78%, 80%
CMY	0.1216, 0.2196, 0.2039
CMYK	0.00, 0.11, 0.09, 0.12
HSL	350°, 29%, 83%
HSV	350°, 11%, 88%
XYZ	61.9434, 61.0059, 65.0105
YIQ	206.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

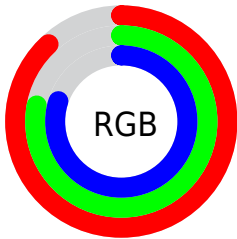
Format	Color
R _Y B	224, 199, 203
Decimal	14731211
CIE Lab	82.38, 9.44, 1.21
CIE LCh	82, 9.517, 7.321
Yxy	61.0059, 0.3296, 0.3246
Android (android.graphics.Color)	4292921291 (0xFFE0C7CB)
YUV	206.9310, -1.9380, 14.9695
Hunter-Lab	78.1063, 4.8761, 5.3254

Details

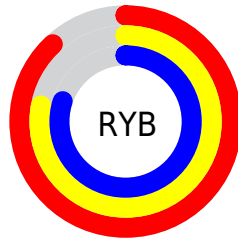
The RYB color **224, 199, 203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **199, 213, 224**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 145, 149** is the 20% darker color. If you saturate the color by 10%, you get **224, 177, 184**, and if you desaturate by 10%, it is **224, 221, 222**.

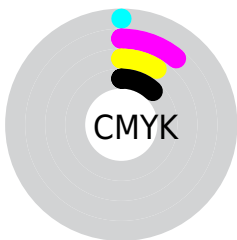
Distribution



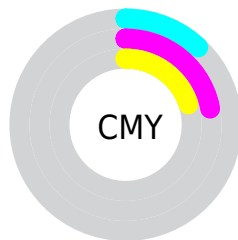
- Red (88%)
- Green (78%)
- Blue (80%)



- Red (88%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (11%)
- Yellow (9%)
- Black (12%)



- Cyan (12%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 199, 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 224, 199, 203 by changing the saturation by 10% instead.

■ 224, 199, 203

255, 255, 255

■ 224, 199, 203

■ 196, 172, 176

■ 169, 145, 149

■ 142, 119, 123

■ 116, 95, 98


■ 92, 71, 75


■ 68, 48, 52

■ 45, 27, 31

■ 26, 1, 6


■ 0, 0, 0

 224, 199, 203

 224, 199, 203

 224, 177, 184


 224, 221, 222

 224, 154, 165

 224, 235, 244

 224, 132, 147

 224, 240, 255

 224, 109, 128

 224, 87, 109

 224, 65, 90

 224, 42, 71

 224, 20, 52

 224, 0, 36

Harmonies

Analogous

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



219, 200, 212



224, 199, 203



224, 202, 194

Triad

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



224, 199, 203



191, 208, 199



189, 201, 221

Complementary

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



224, 199, 203



199, 213, 224

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.



183, 198, 215



224, 199, 203



190, 204, 210

Square

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



224, 199, 203



193, 210, 187



184, 198, 210



198, 203, 222

Rectangle

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



224, 199, 203



221, 207, 190



184, 198, 210



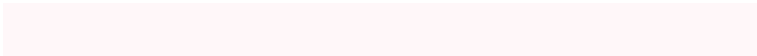
186, 200, 220

Sweetspot

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



224, 199, 203



255, 247, 249



220, 199, 224



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



224, 199, 203



255, 222, 227



224, 211, 199



112, 101, 103



176, 0, 28



48, 0, 8

Inverse Universe

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



224, 199, 203



255, 222, 227



199, 209, 224



112, 101, 103



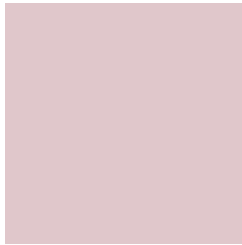
176, 0, 28



48, 0, 8

Previews

White Background



This preview shows how the RYB color 224, 199, 203 looks on a white background.

Color Contrast Check

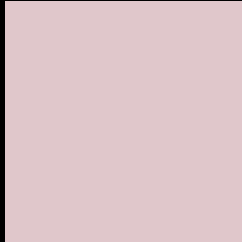
Large Text (above 18pt) WCAG AA × Fail

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 224, 199, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

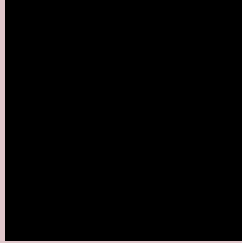
Any Text WCAG AA ✓ Pass

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](#).

RYP 224, 199, 203 Background



This preview shows how black text looks on a background with the RYP color 224, 199, 203.

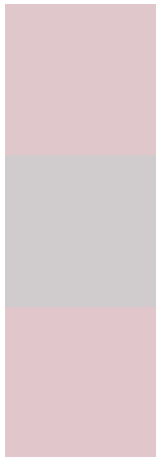


This preview shows how white text looks on a background with the RYP color 224, 199, 203.

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



Original Color
[224, 199, 203](#)

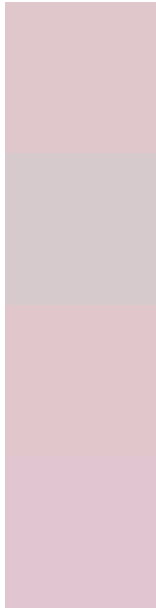
Protanopia
[208, 204, 206](#)

Deuteranopia
[225, 198, 203](#)



Tritanopia
225, 197, 213

Trichromacy



Original Color

224, 199, 203

Protanomaly

214, 202, 205

Deuteranomaly

225, 198, 203

Tritanomaly

225, 198, 209

Monochromacy



Original Color

224, 199, 203

Achromatopsia

207, 207, 207

Achromatomaly

213, 204, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 199, 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(224, 199, 203) looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 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(224, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 203) }
```

Border

The CSS property to change the border of an element to RYB 224, 199, 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(224, 199, 203) }
```

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

```
.border{ border-color:rgb(224, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(224, 199,  
203) }
```

Background

The CSS property to change the background color of an element to RYB 224, 199, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 203) }
```

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

```
.background{ background-color: rgb(224,  
199, 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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