

Converting Colors

`RYB(219, 200, 204)`

Have a look what the booklet for RYB(219, 200, 204) contains.

RYB(219, 200, 204)	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(219, 200, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8CC
RGB	219, 200, 204
RGB Percent	86%, 78%, 80%
CMY	0.1412, 0.2157, 0.2000
CMYK	0.00, 0.09, 0.07, 0.14
HSL	347°, 21%, 82%
HSV	347°, 9%, 86%
XYZ	60.7668, 60.7283, 65.6457
YIQ	206.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

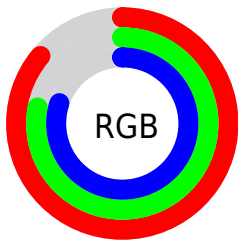
Format	Color
R _Y B	219, 200, 204
Decimal	14403788
CIE Lab	82.23, 7.32, 0.41
CIE LCh	82, 7.333, 3.192
Yxy	60.7283, 0.3247, 0.3245
Android (android.graphics.Color)	4292593868 (0xFFDBC8CC)
YUV	206.1370, -1.0535, 11.2809
Hunter-Lab	77.9283, 2.8157, 4.6048

Details

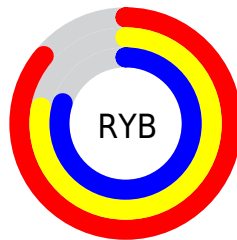
The RYB color **219, 200, 204** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 211, 219**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 146, 150** is the 20% darker color. If you saturate the color by 10%, you get **219, 178, 187**, and if you desaturate by 10%, it is **219, 221, 222**.

Distribution



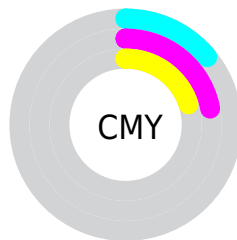
- Red (86%)
- Green (78%)
- Blue (80%)



- Red (86%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 200, 204 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 219, 200, 204 by changing the saturation by 10% instead.

■ 219, 200, 204

255, 255, 255

■ 219, 200, 204

■ 191, 173, 177

■ 164, 146, 150

■ 138, 120, 124

■ 112, 96, 99

■ 88, 72, 75

■ 64, 49, 53


■ 42, 28, 32

■ 23, 2, 7

■ 0, 0, 0

 219, 200, 204

 219, 200, 204

 219, 178, 187

 219, 221, 222

 219, 156, 169

 219, 233, 244


 219, 134, 152


 219, 237, 255

 219, 112, 135

 219, 90, 118

 219, 69, 100

 219, 47, 83

 219, 25, 66

 219, 3, 48

Harmonies

Analogous

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



214, 201, 211



219, 200, 204



220, 200, 197

Triad

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



219, 200, 204



193, 206, 197



192, 201, 217

Complementary

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



219, 200, 204



200, 211, 219

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.



188, 199, 212



219, 200, 204



194, 205, 208

Square

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



219, 200, 204



200, 210, 191



189, 200, 209



199, 204, 218

Rectangle

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



219, 200, 204



218, 204, 194



189, 200, 209



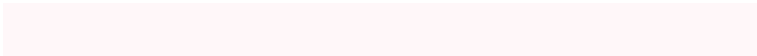
190, 200, 215

Sweetspot

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



219, 200, 204



255, 247, 249



215, 200, 219



128, 122, 123



0, 0, 0



128, 128, 128

Same Dimension

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



219, 200, 204



255, 230, 235



219, 207, 200



110, 99, 101



173, 0, 37



46, 0, 10

Inverse Universe

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



219, 200, 204



255, 230, 235



200, 208, 219



110, 99, 101



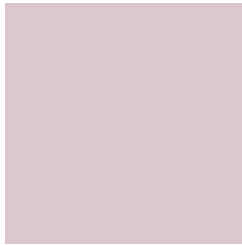
173, 0, 37



46, 0, 10

Previews

White Background



This preview shows how the RYB color 219, 200, 204 looks on a white background.

Color Contrast Check

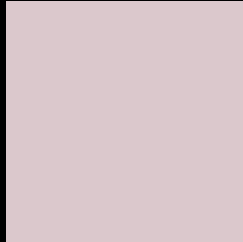
Large Text (above 18pt) WCAG AA × Fail

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 219, 200, 204 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

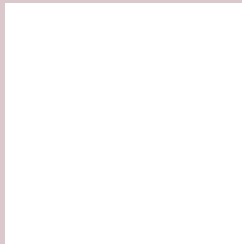
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 219, 200, 204 Background



This preview shows how black text looks on a background with the RYP color 219, 200, 204.

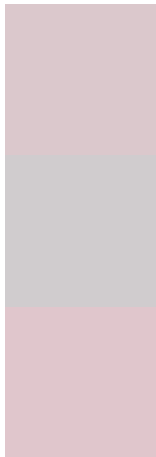


This preview shows how white text looks on a background with the RYP color 219, 200, 204.

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
219, 200, 204

Protanopia
208, 204, 206

Deuteranopia
224, 198, 204



Tritanopia
220, 198, 214

Trichromacy



Original Color

219, 200, 204

Protanomaly

212, 203, 205

Deuteranomaly

222, 199, 204

Tritanomaly

220, 199, 210

Monochromacy



Original Color

219, 200, 204

Achromatopsia

206, 206, 206

Achromatomaly

211, 204, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 200, 204 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(219, 200, 204) looks like.

```
.text, #text, p{  
    color:rgb(219, 200, 204)  
}
```

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(219, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 200, 204) }
```

Border

The CSS property to change the border of an element to RYB 219, 200, 204 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(219, 200, 204) }
```

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

```
.border{ border-color:rgb(219, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(219, 200,  
204) }
```

Background

The CSS property to change the background color of an element to RGB 219, 200, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 200, 204) }
```

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

```
.background{ background-color: rgb(219,  
200, 204) }
```

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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