

Converting Colors

`RYB(219, 201, 200)`

Have a look what the booklet for RYB(219, 201, 200) contains.

RYB(219, 201, 200)	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(219, 201, 200)

Conversions

Conversions Part 1

Format	Color
Hex	DBC9C8
RGB	219, 201, 200
RGB Percent	86%, 79%, 78%
CMY	0.1412, 0.2120, 0.2157
CMYK	0.00, 0.08, 0.09, 0.14
HSL	3°, 21%, 82%
HSV	3°, 9%, 86%
XYZ	60.5137, 60.9802, 63.2245
YIQ	206.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

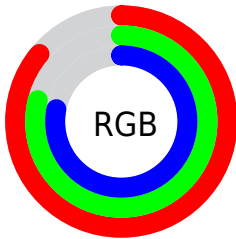
Format	Color
R _Y B	219, 201, 200
Decimal	14404040
CIE Lab	82.37, 6.14, 2.75
CIE LCh	82, 6.724, 24.097
Yxy	60.9802, 0.3276, 0.3301
Android (android.graphics.Color)	4292594120 (0xFFDBC9C8)
YUV	206.2680, -3.0901, 11.1660
Hunter-Lab	78.0898, 1.6669, 6.6594

Details

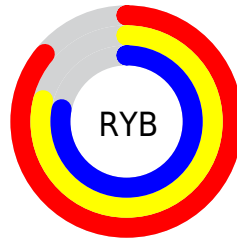
The RYB color **219, 201, 200** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **200, 209, 219**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 147, 146** is the 20% darker color. If you saturate the color by 10%, you get **219, 180, 178**, and if you desaturate by 10%, it is **219, 221, 222**.

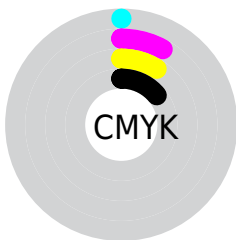
Distribution



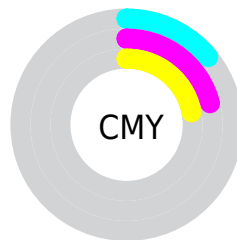
- Red (86%)
- Green (79%)
- Blue (78%)



- Red (86%)
- Yellow (79%)
- Blue (78%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (14%)



- Cyan (14%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 219, 201, 200 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, 201, 200 by changing the saturation by 10% instead.

 219, 201, 200

255, 255, 255

 219, 201, 200

 191, 174, 173

 164, 147, 146

 138, 121, 120

 112, 96, 96

 88, 73, 72

 64, 50, 50


 42, 29, 29

 23, 4, 2

 0, 0, 0

 219, 201, 200


 219, 201, 200

 219, 180, 178

 219, 221, 222


 219, 159, 156

 219, 231, 244


 219, 139, 134


 219, 237, 255

 219, 118, 112

 219, 97, 90

 219, 76, 69

 219, 55, 47

 219, 36, 25

 219, 15, 3

Harmonies

Analogous

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



217, 201, 206



219, 201, 200



217, 205, 195

Triad

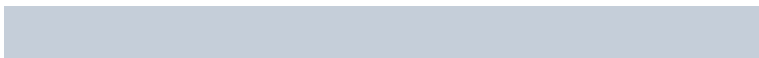
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219, 201, 200



197, 208, 208



197, 203, 217

Complementary

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



219, 201, 200



200, 209, 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.



192, 201, 215



219, 201, 200



192, 202, 209

Square

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



219, 201, 200



193, 206, 194



190, 200, 210



205, 204, 216

Rectangle

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



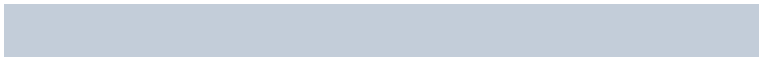
219, 201, 200



214, 212, 193



190, 200, 210



195, 202, 217

Sweetspot

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



219, 201, 200



255, 248, 247



219, 200, 218



128, 123, 122



0, 0, 0



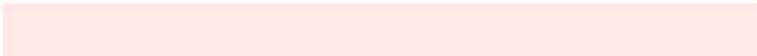
128, 128, 128

Same Dimension

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



219, 201, 200



255, 231, 230



217, 219, 200



110, 99, 99



173, 9, 0



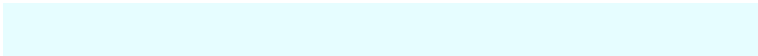
46, 2, 0

Inverse Universe

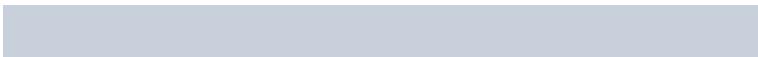
The Inverse Universe completely reimagines the original color for something new.



200, 209, 219



230, 242, 255



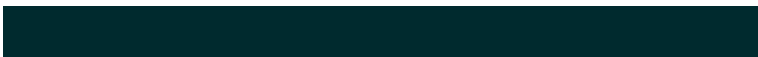
200, 206, 219



99, 104, 110



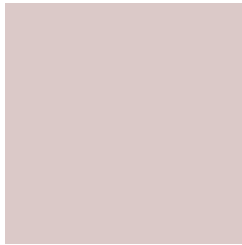
0, 84, 173



0, 22, 46

Previews

White Background



This preview shows how the RYB color 219, 201, 200 looks on a white background.

Color Contrast Check

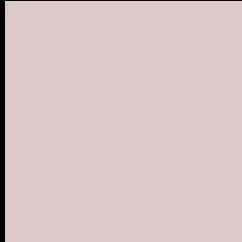
Large Text (above 18pt) WCAG AA × Fail

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, 201, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

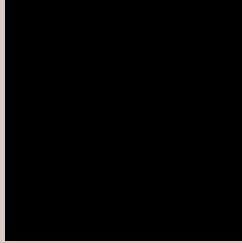
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 219, 201, 200 Background



This preview shows how black text looks on a background with the R/Y/B color 219, 201, 200.



This preview shows how white text looks on a background with the R/Y/B color 219, 201, 200.

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, 201, 200](#)

Protanopia
[209, 205, 202](#)

Deuteranopia
[226, 198, 201](#)



Tritanopia
221, 199, 214

Trichromacy



Original Color

219, 201, 200

Protanomaly

213, 203, 201

Deuteranomaly

223, 199, 201

Tritanomaly

220, 200, 209

Monochromacy



Original Color

219, 201, 200

Achromatopsia

206, 206, 206

Achromatomaly

211, 204, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 219, 201, 200 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, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(219, 201, 200)  
}
```

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, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 201, 200) }
```

Border

The CSS property to change the border of an element to RYB 219, 201, 200 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, 201, 200) }
```

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

```
.border{ border-color:rgb(219, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(219, 201,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 219, 201, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 201, 200) }
```

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

```
.background{ background-color: rgb(219,  
201, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor