

Converting Colors

RGB(219, 214, 220)

Have a look what the booklet for
RGB(219, 214, 220) contains.

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Color

RGB(219, 214, 220)

Conversions

Conversions Part 1

Format	Color
Hex	DBD6DC
RGB	219, 214, 220
RGB Percent	86%, 84%, 86%
CMY	0.1412, 0.1608, 0.1373
CMYK	0.00, 0.03, 0.00, 0.14
HSL	290°, 8%, 85%
HSV	290°, 3%, 86%
XYZ	66.1783, 68.3205, 77.4094
YIQ	216.1790, 1.0540, 2.9260

Conversions

Conversions Part 2

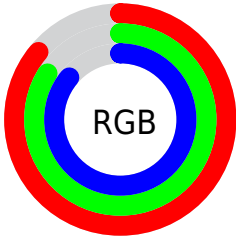
Format	Color
R _Y B	219, 214, 220
Decimal	14407388
CIE Lab	86.17, 2.79, -2.35
CIE LCh	86, 3.648, 319.858
Yxy	68.3205, 0.3123, 0.3224
Android (android.graphics.Color)	4292597468 (0xFFDBD6DC)
YUV	216.1790, 1.8838, 2.4740
Hunter-Lab	82.6562, -1.7333, 2.3330

Details

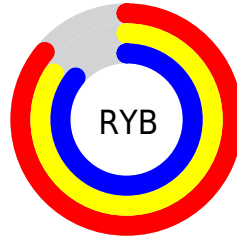
The RGB color **219, 214, 220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215, 220, 214**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **255, 255, 255**, and **164, 159, 165** is the 20% darker color. If you saturate the color by 10%, you get **215, 192, 220**, and if you desaturate by 10%, it is **223, 236, 220**.

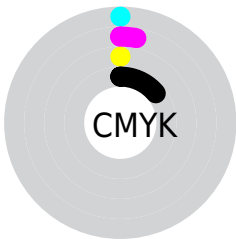
Distribution



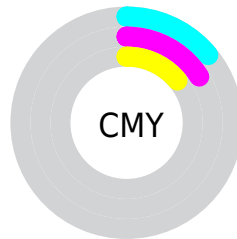
- Red (86%)
- Green (84%)
- Blue (86%)



- Red (86%)
- Yellow (84%)
- Blue (86%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 214, 220 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 RGB color 219, 214, 220 by changing the saturation by 10% instead.

■ 219, 214, 220

255, 255, 255

■ 219, 214, 220

■ 191, 186, 192

■ 164, 159, 165

■ 138, 133, 139

■ 112, 108, 113

■ 88, 84, 89

■ 65, 61, 66

■ 43, 39, 43

■ 22, 18, 23


■ 0, 0, 0

 219, 214, 220

 219, 214, 220

 215, 192, 220

 223, 236, 220

 212, 170, 220


 226, 255, 220

 208, 148, 220

 230, 255, 220

 204, 126, 220


 234, 255, 220

 201, 104, 220


 237, 255, 220

 197, 82, 220


 241, 255, 220

 193, 60, 220

 245, 255, 220

 190, 38, 220

 248, 255, 220

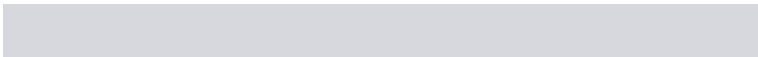
 186, 16, 220

 252, 255, 220

Harmonies

Analogous

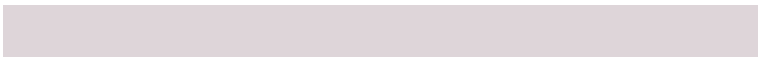
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



215, 215, 222



219, 214, 220



222, 213, 217

Triad

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



219, 214, 220



220, 215, 209



207, 218, 218

Complementary

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



219, 214, 220



215, 220, 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.



209, 218, 214



219, 214, 220



216, 216, 209

Square

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



219, 214, 220



223, 214, 210



212, 217, 211



208, 217, 221

Rectangle

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



219, 214, 220



223, 213, 214



212, 217, 211



208, 218, 217

Sweetspot

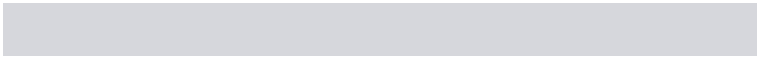
The Sweet Spot groups the original color and five complimentary colors.



219, 214, 220



255, 252, 255



214, 215, 220



127, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 214, 220



254, 247, 255



220, 214, 218



109, 105, 110



144, 0, 173



38, 0, 46

Inverse Universe

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



220, 214, 215



255, 247, 249



214, 220, 216



110, 105, 106



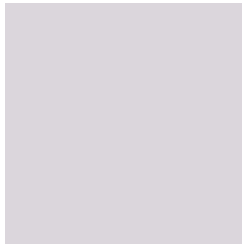
173, 0, 29



46, 0, 8

Previews

White Background



This preview shows how the RGB color 219, 214, 220 looks on a white background.

Color Contrast Check

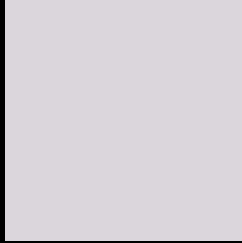
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 219, 214, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

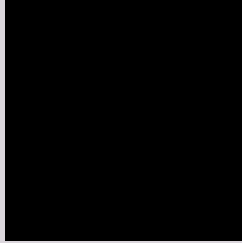
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

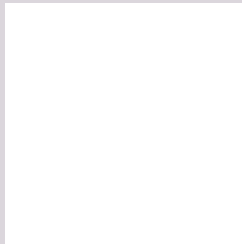
Any Text WCAG AAA ✓ Pass

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

RGB 219, 214, 220 Background



This preview shows how black text looks on a background with the RGB color 219, 214, 220.

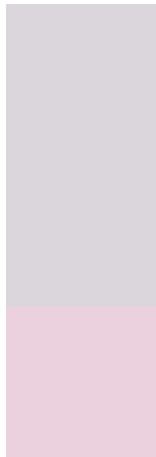


This preview shows how white text looks on a background with the RGB color 219, 214, 220.

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](#).

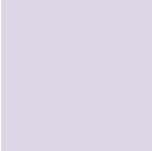
Dichromacy



Original Color
219, 214, 220

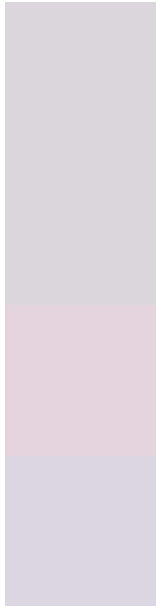
Protanopia
218, 214, 220

Deuteranopia
234, 209, 221



Tritanopia
220, 213, 229

Trichromacy



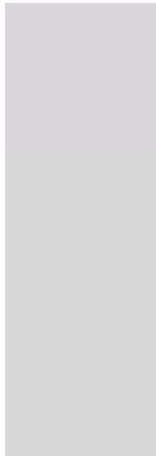
Original Color
219, 214, 220

Protanomaly
218, 214, 220

Deuteranomaly
229, 211, 221

Tritanomaly
220, 213, 226

Monochromacy



Original Color
219, 214, 220

Achromatopsia
216, 216, 216

Achromatomaly
217, 215, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 214, 220 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, 214, 220) looks like.

```
.text, #text, p{  
    color:rgb(219, 214, 220)  
}
```

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, 214, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 214, 220) }
```

Border

The CSS property to change the border of an element to RGB 219, 214, 220 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, 214, 220) }
```

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

```
.border{ border-color:rgb(219, 214, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 214, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 214, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 214, 220);  
box-shadow:4px 4px 4px 4px rgb(219, 214,  
220) }
```

Background

The CSS property to change the background color of an element to RGB 219, 214, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 214, 220) }
```

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

```
.background{ background-color: rgb(219,  
214, 220) }
```

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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