

Converting Colors

RGB(219, 199, 233)

Have a look what the booklet for
RGB(219, 199, 233) contains.

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Color

RGB(219, 199, 233)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7E9
RGB	219, 199, 233
RGB Percent	86%, 78%, 91%
CMY	0.1412, 0.2196, 0.0863
CMYK	0.06, 0.15, 0.00, 0.09
HSL	275°, 44%, 85%
HSV	275°, 15%, 91%
XYZ	64.3448, 61.7901, 85.6261
YIQ	208.8560, 1.0060, 14.8140

Conversions

Conversions Part 2

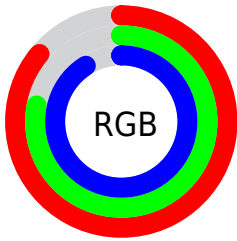
Format	Color
R_{YB}	219, 199, 233
Decimal	14403561
CIE _{Lab}	82.80, 13.16, -14.26
CIE _{LCh}	83, 19.404, 312.710
Yxy	61.7901, 0.3039, 0.2918
Android (android.graphics.Color)	4292593641 (0xFFDBC7E9)
YUV	208.8560, 11.9030, 8.8963
Hunter-Lab	78.6067, 8.5525, -9.5598

Details

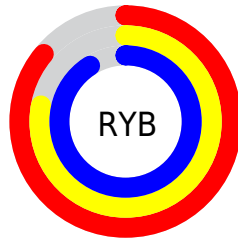
The RGB color **219, 199, 233** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213, 233, 199**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is 255, 255, 255, and **164, 145, 177** is the 20% darker color. If you saturate the color by 10%, you get **209, 176, 233**, and if you desaturate by 10%, it is **229, 222, 233**.

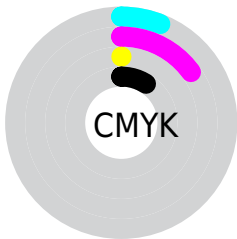
Distribution



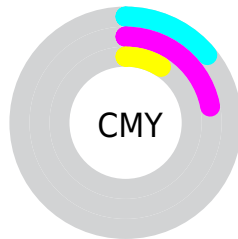
- Red (86%)
- Green (78%)
- Blue (91%)



- Red (86%)
- Yellow (78%)
- Blue (91%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 219, 199, 233 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, 199, 233 by changing the saturation by 10% instead.

■ 219, 199, 233

255, 255, 255

■ 219, 199, 233

■ 191, 172, 205

■ 164, 145, 177

■ 137, 119, 151

■ 112, 95, 125

■ 87, 71, 100

■ 64, 48, 76

■ 41, 27, 53

■ 23, 1, 32

■ 0, 0, 4

■ 219, 199, 233

■ 219, 199, 233

■ 209, 176, 233

■ 229, 222, 233

■ 200, 152, 233

■ 238, 246, 233

■ 190, 129, 233

■ 248, 255, 233

■ 181, 106, 233

■ 255, 255, 233

■ 171, 83, 233

■ 161, 59, 233

■ 152, 36, 233

■ 142, 13, 233

■ 137, 0, 233

Harmonies

Analogous

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



196, 205, 241



219, 199, 233



236, 195, 217

Triad

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



219, 199, 233



230, 201, 172



160, 217, 213

Complementary

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



219, 199, 233



213, 233, 199

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.



172, 216, 195



219, 199, 233



212, 207, 171

Square

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



219, 199, 233



242, 196, 182



192, 213, 179



160, 215, 230

Rectangle

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



219, 199, 233



243, 193, 205



192, 213, 179



163, 217, 207

Sweetspot

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



219, 199, 233



251, 245, 255



199, 213, 233



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



219, 199, 233



236, 209, 255



233, 199, 230



112, 106, 117



106, 0, 181



31, 0, 54

Inverse Universe

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



233, 199, 213



255, 209, 228



199, 233, 202



117, 106, 110



181, 0, 75



54, 0, 22

Previews

White Background



This preview shows how the RGB color 219, 199, 233 looks on a white background.

Color Contrast Check

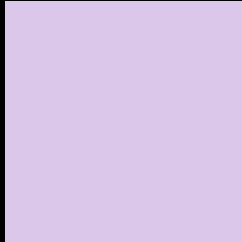
Large Text (above 18pt) WCAG AA × Fail

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, 199, 233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

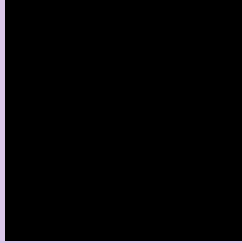
Any Text WCAG AA ✓ Pass

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, 199, 233 Background



This preview shows how black text looks on a background with the RGB color 219, 199, 233.



This preview shows how white text looks on a background with the RGB color 219, 199, 233.

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, 199, 233

Protanopia
201, 205, 237

Deuteranopia
214, 201, 233



Tritanopia
217, 202, 218

Trichromacy



Original Color
219, 199, 233

Protanomaly
208, 203, 236

Deuteranomaly
216, 200, 233

Tritanomaly
218, 201, 223

Monochromacy



Original Color
219, 199, 233

Achromatopsia
209, 209, 209

Achromatomaly
213, 205, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 219, 199, 233 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, 199, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 233)  
}
```

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, 199, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 233) }
```

Border

The CSS property to change the border of an element to RGB 219, 199, 233 is called "border". The border property can be set on classes, ids or directly on the HTML element.

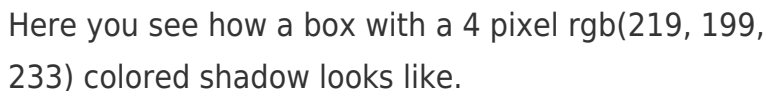
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 199, 233) }
```

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

```
.border{ border-color:rgb(219, 199, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 199, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 199, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 199, 233); box-shadow:4px 4px 4px 4px rgb(219, 199, 233) }
```

Background

The CSS property to change the background color of an element to RGB 219, 199, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 233) }
```

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

```
.background{ background-color: rgb(219,  
199, 233) }
```

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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