

Converting Colors

RGB(223, 209, 236)

Have a look what the booklet for
RGB(223, 209, 236) contains.

RGB(223, 209, 236)	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

RGB(223, 209, 236)

Conversions

Conversions Part 1

Format	Color
Hex	DFD1EC
RGB	223, 209, 236
RGB Percent	87%, 82%, 93%
CMY	0.1255, 0.1804, 0.0745
CMYK	0.06, 0.11, 0.00, 0.07
HSL	271°, 42%, 87%
HSV	271°, 11%, 93%
XYZ	68.3722, 67.3450, 88.7522
YIQ	216.2640, -0.3230, 11.3650

Conversions

Conversions Part 2

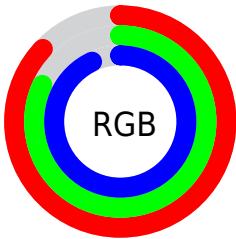
Format	Color
R _Y B	223, 209, 236
Decimal	14668268
CIE Lab	85.68, 9.74, -11.52
CIE LCh	86, 15.084, 310.214
Yxy	67.3450, 0.3046, 0.3000
Android (android.graphics.Color)	4292858348 (0xFFDFD1EC)
YUV	216.2640, 9.7298, 5.9075
Hunter-Lab	82.0640, 5.1065, -6.6773

Details

The RGB color **223, 209, 236** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **222, 236, 209**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is 255, 255, 255, and **168, 155, 180** is the 20% darker color. If you saturate the color by 10%, you get **212, 185, 236**, and if you desaturate by 10%, it is **234, 233, 236**.

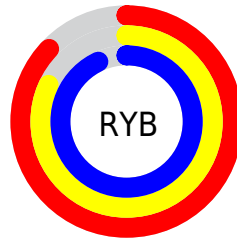
Distribution



Red (87%)

Green (82%)

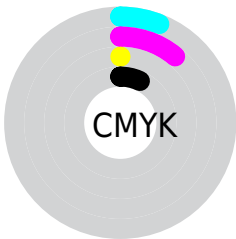
Blue (93%)



Red (87%)

Yellow (82%)

Blue (93%)

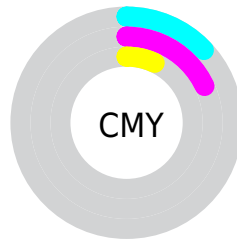


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (13%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 209, 236 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 223, 209, 236 by changing the saturation by 10% instead.

■ 223, 209, 236

255, 255, 255

■ 223, 209, 236

■ 195, 181, 208

■ 168, 155, 180

■ 141, 129, 153

■ 116, 103, 127

■ 91, 79, 102

■ 67, 57, 78


■ 45, 35, 55

■ 25, 14, 34


■ 0, 0, 10

 223, 209, 236

 223, 209, 236

 212, 185, 236


 234, 233, 236

 200, 162, 236


 246, 255, 236


 189, 138, 236

 255, 255, 236

 178, 115, 236

 166, 91, 236

 155, 67, 236

 143, 44, 236

 132, 20, 236

 122, 0, 236

Harmonies

Analogous

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



205, 214, 242



223, 209, 236



237, 206, 224

Triad

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



223, 209, 236



235, 210, 188



179, 223, 219

Complementary

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



223, 209, 236



222, 236, 209

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.



189, 222, 204



223, 209, 236



221, 215, 186

Square

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



223, 209, 236



243, 206, 196



204, 219, 192



179, 221, 232

Rectangle

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



223, 209, 236



243, 205, 215



204, 219, 192



182, 223, 214

Sweetspot

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



223, 209, 236



251, 247, 255



209, 222, 236



125, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 209, 236



238, 219, 255



236, 209, 236



112, 106, 117



94, 0, 181



28, 0, 54

Inverse Universe

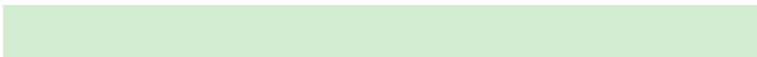
The Inverse Universe completely reimagines the original color for something new.



236, 209, 222



255, 219, 236



209, 236, 209



117, 106, 111



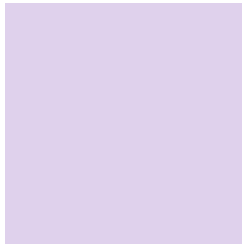
181, 0, 87



54, 0, 26

Previews

White Background



This preview shows how the RGB color 223, 209, 236 looks on a white background.

Color Contrast Check

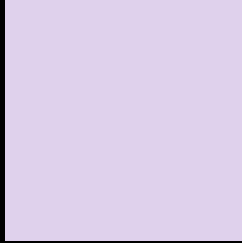
Large Text (above 18pt) WCAG AA × Fail

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 223, 209, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

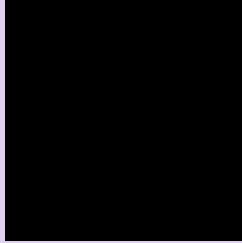
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

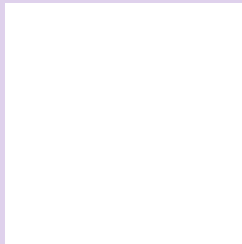
Any Text WCAG AAA ✓ Pass

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

RGB 223, 209, 236 Background



This preview shows how black text looks on a background with the RGB color 223, 209, 236.



This preview shows how white text looks on a background with the RGB color 223, 209, 236.

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
223, 209, 236

Protanopia
211, 213, 238

Deuteranopia
225, 208, 236



Tritanopia
222, 210, 227

Trichromacy



Original Color

223, 209, 236

Protanomaly

215, 212, 237

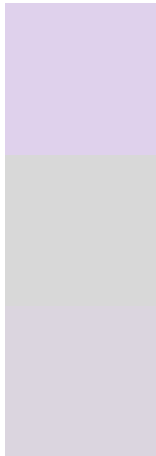
Deuteranomaly

224, 208, 236

Tritanomaly

222, 210, 230

Monochromacy



Original Color

223, 209, 236

Achromatopsia

216, 216, 216

Achromatomaly

219, 213, 223

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 209, 236 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(223, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 209, 236)  
}
```

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(223, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 209, 236) }
```

Border

The CSS property to change the border of an element to RGB 223, 209, 236 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(223, 209, 236) }
```

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

```
.border{ border-color:rgb(223, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 209,  
236) }
```

Background

The CSS property to change the background color of an element to RGB 223, 209, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 209, 236) }
```

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

```
.background{ background-color: rgb(223,  
209, 236) }
```

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