

Converting Colors

RGB(223, 222, 240)

Have a look what the booklet for
RGB(223, 222, 240) contains.

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Color

RGB(223, 222, 240)

Conversions

Conversions Part 1

Format	Color
Hex	DFDEF0
RGB	223, 222, 240
RGB Percent	87%, 87%, 94%
CMY	0.1255, 0.1294, 0.0588
CMYK	0.07, 0.07, 0.00, 0.06
HSL	243°, 37%, 91%
HSV	243°, 7%, 94%
XYZ	72.2809, 74.2218, 92.9547
YIQ	224.3510, -5.1820, 5.8100

Conversions

Conversions Part 2

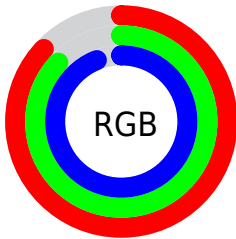
Format	Color
R _{YB}	223, 222, 240
Decimal	14671600
CIE Lab	89.03, 3.68, -8.65
CIE LCh	89, 9.399, 293.063
Yxy	74.2218, 0.3019, 0.3100
Android (android.graphics.Color)	4292861680 (0xFFDFDEF0)
YUV	224.3510, 7.7150, -1.1848
Hunter-Lab	86.1521, -1.0061, -3.6651

Details

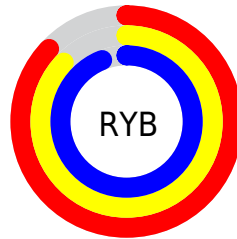
The RGB color **223, 222, 240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **239, 240, 222**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 167, 184** is the 20% darker color. If you saturate the color by 10%, you get **200, 198, 240**, and if you desaturate by 10%, it is **246, 246, 240**.

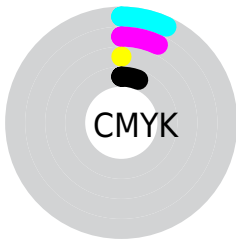
Distribution



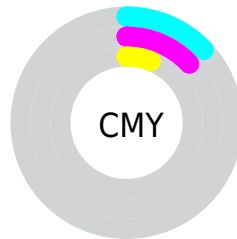
- Red (87%)
- Green (87%)
- Blue (94%)



- Red (87%)
- Yellow (87%)
- Blue (94%)



- Cyan (7%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 223, 222, 240 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, 222, 240 by changing the saturation by 10% instead.

■ 223, 222, 240

255, 255, 255

■ 223, 222, 240

■ 195, 194, 212

■ 168, 167, 184

■ 141, 141, 157

■ 116, 115, 131

■ 91, 91, 106

■ 68, 67, 82


■ 45, 45, 59

■ 24, 24, 37

■ 0, 1, 16

 223, 222, 240

 223, 222, 240


 200, 198, 240


 246, 246, 240

 178, 174, 240

 255, 255, 240

 155, 150, 240

 132, 126, 240

 110, 102, 240

 87, 78, 240

 64, 54, 240

 42, 30, 240

 19, 6, 240

Harmonies

Analogous

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



212, 225, 241



223, 222, 240



234, 219, 234

Triad

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



223, 222, 240



241, 220, 210



205, 229, 221

Complementary

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



223, 222, 240



239, 240, 222

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.



213, 228, 213



223, 222, 240



233, 222, 206

Square

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



223, 222, 240



243, 218, 217



224, 225, 207



202, 229, 230

Rectangle

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



223, 222, 240



239, 218, 229



224, 225, 207



207, 229, 218

Sweetspot

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



223, 222, 240



250, 250, 255



222, 239, 240



125, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 222, 240



233, 232, 255



232, 222, 240



109, 108, 120



10, 0, 184



3, 0, 56

Inverse Universe

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



240, 222, 239



255, 232, 254



230, 240, 222



120, 108, 119



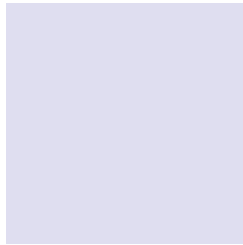
184, 0, 173



56, 0, 53

Previews

White Background



This preview shows how the RGB color 223, 222, 240 looks on a white background.

Color Contrast Check

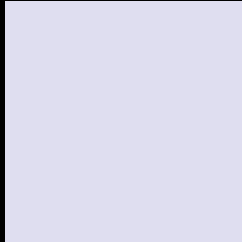
Large Text (above 18pt) WCAG AA × Fail

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, 222, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

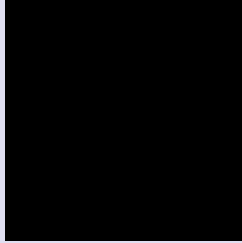
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

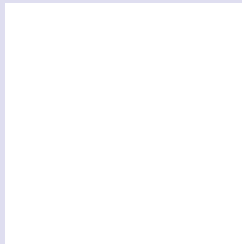
Any Text WCAG AAA ✓ Pass

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

RGB 223, 222, 240 Background



This preview shows how black text looks on a background with the RGB color 223, 222, 240.

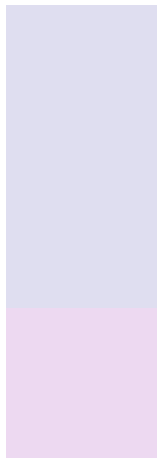


This preview shows how white text looks on a background with the RGB color 223, 222, 240.

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, 222, 240

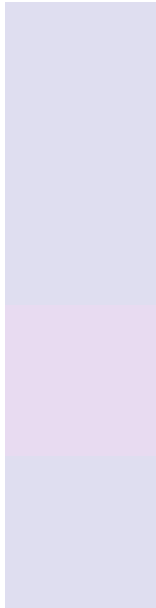
Protanopia
223, 222, 240

Deuteranopia
237, 217, 241



Tritanopia
223, 222, 240

Trichromacy



Original Color

223, 222, 240

Protanomaly

223, 222, 240

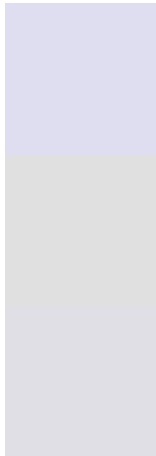
Deuteranomaly

232, 219, 241

Tritanomaly

223, 222, 240

Monochromacy



Original Color

223, 222, 240

Achromatopsia

224, 224, 224

Achromatomaly

224, 223, 230

CSS Examples

Text

The CSS property to change the color of the text to RGB 223, 222, 240 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, 222, 240)` looks like.

```
.text, #text, p{  
    color:rgb(223, 222, 240)  
}
```

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, 222, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 222, 240) }
```

Border

The CSS property to change the border of an element to RGB 223, 222, 240 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, 222, 240) }
```

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

```
.border{ border-color:rgb(223, 222, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 222, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 222, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 222, 240);  
box-shadow:4px 4px 4px 4px rgb(223, 222,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 223, 222, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 222, 240) }
```

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

```
.background{ background-color: rgb(223,  
222, 240) }
```

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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