

Converting Colors

RGB(224, 220, 240)

Have a look what the booklet for
RGB(224, 220, 240) contains.

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Color

RGB(224, 220, 240)

Conversions

Conversions Part 1

Format	Color
Hex	E0DCF0
RGB	224, 220, 240
RGB Percent	88%, 86%, 94%
CMY	0.1216, 0.1373, 0.0588
CMYK	0.07, 0.08, 0.00, 0.06
HSL	252°, 40%, 90%
HSV	252°, 8%, 94%
XYZ	72.0618, 73.3250, 92.7931
YIQ	223.4760, -4.0360, 7.0680

Conversions

Conversions Part 2

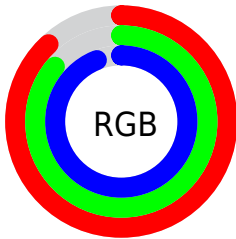
Format	Color
R_{YB}	224, 220, 240
Decimal	14736624
CIE _{Lab}	88.60, 5.05, -9.27
CIE _{LCh}	89, 10.557, 298.586
Yxy	73.3250, 0.3026, 0.3079
Android (android.graphics.Color)	4292926704 (0xFFE0DCF0)
YUV	223.4760, 8.1463, 0.4595
Hunter-Lab	85.6300, 0.3640, -4.3087

Details

The RGB color **224, 220, 240** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **236, 240, 220**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **255, 255, 255**, and **169, 165, 184** is the 20% darker color. If you saturate the color by 10%, you get **205, 196, 240**, and if you desaturate by 10%, it is **243, 244, 240**.

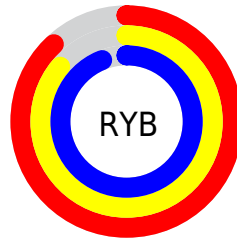
Distribution



Red (88%)

Green (86%)

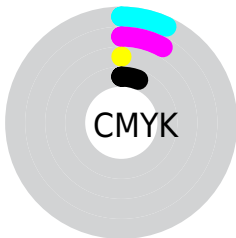
Blue (94%)



Red (88%)

Yellow (86%)

Blue (94%)

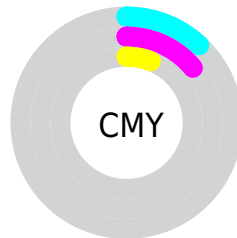


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (6%)



Cyan (12%)

Magenta (14%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 224, 220, 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 224, 220, 240 by changing the saturation by 10% instead.

■ 224, 220, 240

255, 255, 255

■ 224, 220, 240

■ 196, 192, 212

■ 169, 165, 184

■ 142, 139, 157

■ 117, 113, 131

■ 92, 89, 106

■ 68, 65, 82


■ 46, 43, 59

■ 25, 23, 37


■ 0, 1, 16

 224, 220, 240


 224, 220, 240


 205, 196, 240

 243, 244, 240

 186, 172, 240

 255, 255, 240

 166, 148, 240


 147, 124, 240

 128, 100, 240

 109, 76, 240

 90, 52, 240

 70, 28, 240

 51, 4, 240

Harmonies

Analogous

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



212, 223, 242



224, 220, 240



235, 217, 233

Triad

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



224, 220, 240



240, 218, 206



200, 228, 222

Complementary

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



224, 220, 240



236, 240, 220

Split Complementary

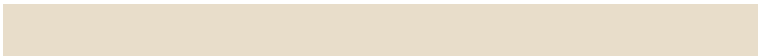
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



209, 227, 212



224, 220, 240



232, 221, 202

Square

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



224, 220, 240



244, 216, 213



220, 225, 205



198, 228, 232

Rectangle

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



224, 220, 240



241, 216, 227



220, 225, 205



203, 228, 218

Sweetspot

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



224, 220, 240



249, 247, 255



220, 236, 240



123, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



224, 220, 240



235, 230, 255



234, 220, 240



110, 108, 120



37, 0, 184



11, 0, 56

Inverse Universe

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



240, 220, 236



255, 230, 250



226, 240, 220



120, 108, 117



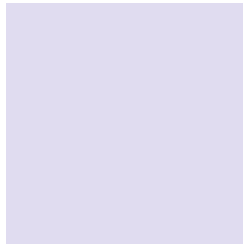
184, 0, 147



56, 0, 45

Previews

White Background



This preview shows how the RGB color 224, 220, 240 looks on a white background.

Color Contrast Check

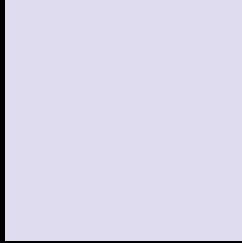
Large Text (above 18pt) WCAG AA × Fail

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 224, 220, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

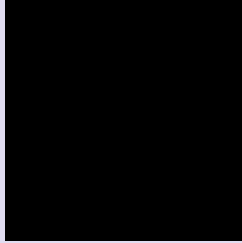
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

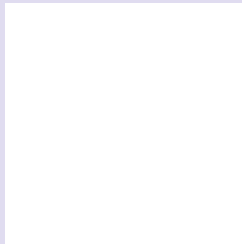
Any Text WCAG AAA ✓ Pass

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

RGB 224, 220, 240 Background



This preview shows how black text looks on a background with the RGB color 224, 220, 240.

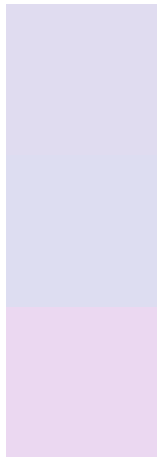


This preview shows how white text looks on a background with the RGB color 224, 220, 240.

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
224, 220, 240

Protanopia
221, 221, 241

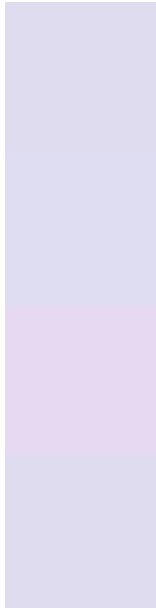
Deuteranopia
235, 216, 241



Tritanopia

224, 220, 238

Trichromacy



Original Color

224, 220, 240

Protanomaly

222, 221, 241

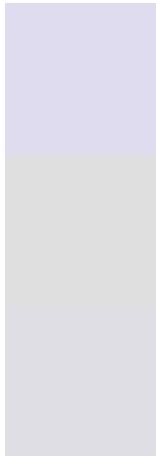
Deuteranomaly

231, 217, 241

Tritanomaly

224, 220, 239

Monochromacy



Original Color

224, 220, 240

Achromatopsia

223, 223, 223

Achromatomaly

223, 222, 229

CSS Examples

Text

The CSS property to change the color of the text to RGB 224, 220, 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(224, 220, 240)` looks like.

```
.text, #text, p{  
    color:rgb(224, 220, 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(224, 220, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 220, 240) }
```

Border

The CSS property to change the border of an element to RGB 224, 220, 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(224, 220, 240) }
```

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

```
.border{ border-color:rgb(224, 220, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 220, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 220, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 220, 240);  
box-shadow:4px 4px 4px 4px rgb(224, 220,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 224, 220, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 220, 240) }
```

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

```
.background{ background-color: rgb(224,  
220, 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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