

Converting Colors

RGB(235, 220, 229)

Have a look what the booklet for
RGB(235, 220, 229) contains.

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Color

RGB(235, 220, 229)

Conversions

Conversions Part 1

Format	Color
Hex	EBDCE5
RGB	235, 220, 229
RGB Percent	92%, 86%, 90%
CMY	0.0784, 0.1373, 0.1020
CMYK	0.00, 0.06, 0.03, 0.08
HSL	324°, 27%, 89%
HSV	324°, 6%, 92%
XYZ	73.9970, 74.5057, 84.6097
YIQ	225.5110, 6.0510, 5.9790

Conversions

Conversions Part 2

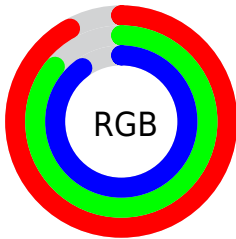
Format	Color
R _Y B	235, 220, 229
Decimal	15457509
CIE Lab	89.16, 6.69, -2.56
CIE LCh	89, 7.162, 339.054
Yxy	74.5057, 0.3174, 0.3196
Android (android.graphics.Color)	4293647589 (0xFFEBDCE5)
YUV	225.5110, 1.7201, 8.3219
Hunter-Lab	86.3167, 1.9691, 2.3042

Details

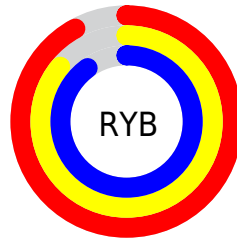
The RGB color **235, 220, 229** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **220, 235, 226**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 165, 174** is the 20% darker color. If you saturate the color by 10%, you get **235, 197, 220**, and if you desaturate by 10%, it is **235, 244, 238**.

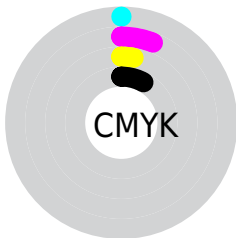
Distribution



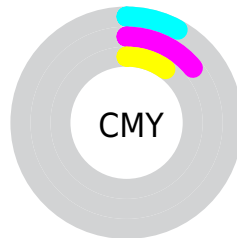
- Red (92%)
- Green (86%)
- Blue (90%)



- Red (92%)
- Yellow (86%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 220, 229 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 235, 220, 229 by changing the saturation by 10% instead.

■ 235, 220, 229

255, 255, 255

■ 235, 220, 229

■ 207, 192, 201

■ 179, 165, 174

■ 152, 139, 147

■ 127, 113, 121

■ 101, 89, 97

■ 77, 65, 73


■ 55, 43, 50

■ 33, 23, 29

■ 7, 0, 3

 235, 220, 229

 235, 220, 229

 235, 197, 220

 235, 244, 238

 235, 173, 210


 235, 255, 248

 235, 150, 201

 235, 255, 255

 235, 126, 191

 235, 103, 182

 235, 79, 173

 235, 56, 163

 235, 32, 154

 235, 9, 144

Harmonies

Analogous

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



228, 222, 235



235, 220, 229



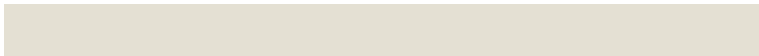
239, 219, 222

Triad

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



235, 220, 229



228, 224, 211



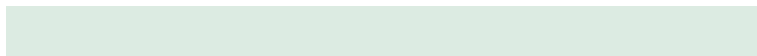
208, 228, 232

Complementary

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



235, 220, 229



220, 235, 226

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.



208, 228, 226



235, 220, 229



220, 226, 213

Square

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



235, 220, 229



235, 222, 211



212, 228, 219



212, 226, 236

Rectangle

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



235, 220, 229



239, 220, 218



212, 228, 219



208, 228, 230

Sweetspot

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



235, 220, 229



255, 250, 253



226, 220, 235



128, 125, 126



0, 0, 0



128, 128, 128

Same Dimension

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



235, 220, 229



255, 235, 247



235, 220, 222



117, 106, 113



181, 0, 109



54, 0, 32

Inverse Universe

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



235, 220, 229



255, 235, 247



220, 235, 234



117, 106, 113



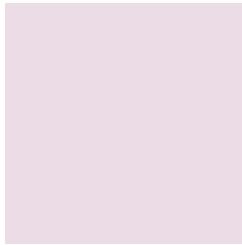
181, 0, 109



54, 0, 32

Previews

White Background



This preview shows how the RGB color 235, 220, 229 looks on a white background.

Color Contrast Check

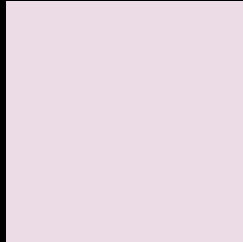
Large Text (above 18pt) WCAG AA × Fail

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 235, 220, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

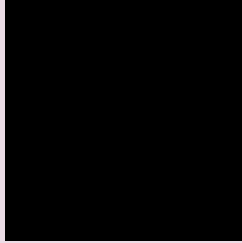
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

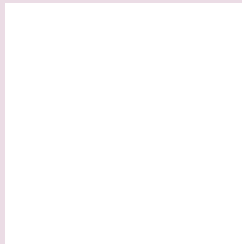
Any Text WCAG AAA ✓ Pass

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

RGB 235, 220, 229 Background



This preview shows how black text looks on a background with the RGB color 235, 220, 229.

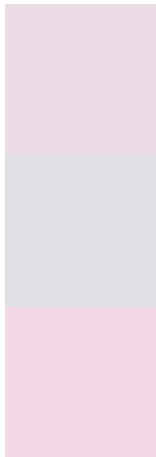


This preview shows how white text looks on a background with the RGB color 235, 220, 229.

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](#).

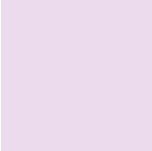
Dichromacy



Original Color
235, 220, 229

Protanopia
226, 223, 231

Deuteranopia
243, 217, 230



Tritanopia

236, 219, 236

Trichromacy



Original Color

235, 220, 229

Protanomaly

229, 222, 230

Deuteranomaly

240, 218, 230

Tritanomaly

236, 219, 233

Monochromacy



Original Color

235, 220, 229

Achromatopsia

226, 226, 226

Achromatomaly

229, 224, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 220, 229 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(235, 220, 229) looks like.

```
.text, #text, p{  
    color:rgb(235, 220, 229)  
}
```

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(235, 220, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 220, 229) }
```

Border

The CSS property to change the border of an element to RGB 235, 220, 229 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(235, 220, 229) }
```

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

```
.border{ border-color:rgb(235, 220, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 220, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 220, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 220, 229);  
box-shadow:4px 4px 4px 4px rgb(235, 220,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 235, 220, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 220, 229) }
```

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

```
.background{ background-color: rgb(235,  
220, 229) }
```

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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