

Converting Colors

RGB(235, 222, 255)

Have a look what the booklet for
RGB(235, 222, 255) contains.

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Color

RGB(235, 222, 255)

Conversions

Conversions Part 1

Format	Color
Hex	EBDEFF
RGB	235, 222, 255
RGB Percent	92%, 87%, 100%
CMY	0.0784, 0.1294, 0.0000
CMYK	0.08, 0.13, 0.00, 0.00
HSL	264°, 100%, 94%
HSV	264°, 13%, 100%
XYZ	78.4322, 77.1247, 105.3605
YIQ	229.6490, -2.8450, 13.0190

Conversions

Conversions Part 2

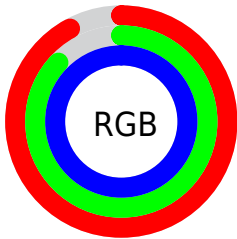
Format	Color
RYB	235, 222, 255
Decimal	15458047
CIELab	90.38, 10.45, -14.41
CIELCh	90, 17.799, 305.957
Yxy	77.1247, 0.3006, 0.2956
Android (android.graphics.Color)	4293648127 (0xFFEBDEFF)
YUV	229.6490, 12.4980, 4.6928
Hunter-Lab	87.8207, 5.7313, -9.6571

Details

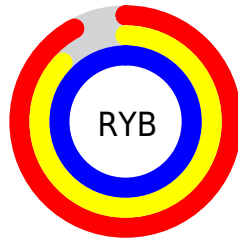
The RGB color **235, 222, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **242, 255, 222**, and the grayscale version is **230, 230, 230**.

A 20% lighter version of the original color is **255, 255, 255**, and **179, 167, 198** is the 20% darker color. If you saturate the color by 10%, you get **220, 197, 255**, and if you desaturate by 10%, it is **250, 248, 255**.

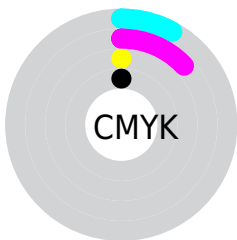
Distribution



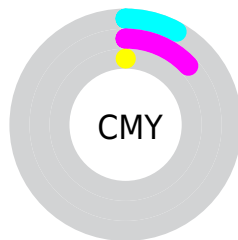
- Red (92%)
- Green (87%)
- Blue (100%)



- Red (92%)
- Yellow (87%)
- Blue (100%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 235, 222, 255 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, 222, 255 by changing the saturation by 10% instead.

■ 235, 222, 255

255, 255, 255

■ 235, 222, 255

■ 207, 194, 226

■ 179, 167, 198

■ 152, 141, 171

■ 126, 115, 144

■ 101, 90, 119

■ 77, 67, 94


■ 54, 45, 70

■ 32, 24, 48


■ 12, 0, 27

 235, 222, 255

 235, 222, 255

 220, 197, 255


 250, 248, 255


 204, 171, 255

255, 255, 255


 189, 146, 255


 173, 120, 255

 158, 95, 255

 142, 69, 255

 127, 44, 255

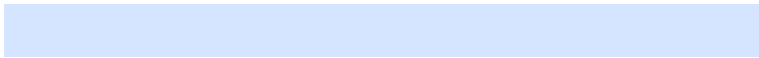
 111, 18, 255

 100, 0, 255

Harmonies

Analogous

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



213, 228, 255



235, 222, 255



253, 217, 242

Triad

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



235, 222, 255



254, 222, 197



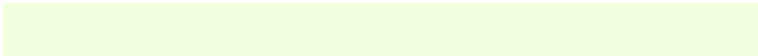
186, 238, 230

Complementary

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



235, 222, 255



242, 255, 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.



200, 236, 213



235, 222, 255



238, 227, 194

Square

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



235, 222, 255



255, 217, 208



218, 233, 200



184, 236, 247

Rectangle

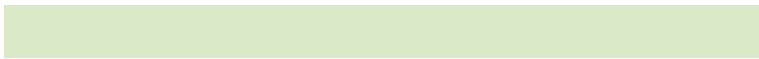
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



235, 222, 255



255, 216, 230



218, 233, 200



190, 237, 224

Sweetspot

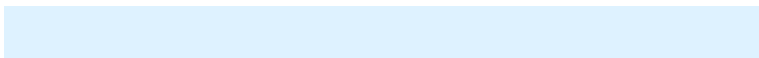
The Sweet Spot groups the original color and five complimentary colors.



235, 222, 255



249, 245, 255



222, 242, 255



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



235, 222, 255



230, 214, 255



251, 222, 255



120, 115, 128



75, 0, 191



25, 0, 64

Inverse Universe

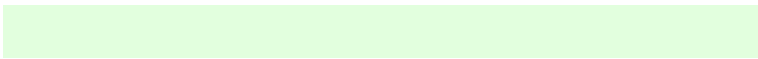
The Inverse Universe completely reimagines the original color for something new.



255, 222, 242



255, 214, 239



226, 255, 222



128, 115, 122



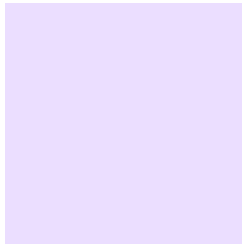
191, 0, 116



64, 0, 39

Previews

White Background



This preview shows how the RGB color 235, 222, 255 looks on a white background.

Color Contrast Check

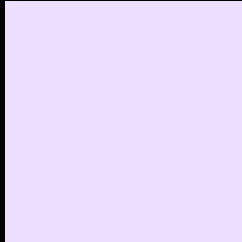
Large Text (above 18pt) WCAG AA × Fail

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, 222, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

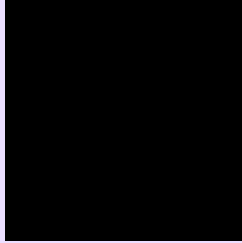
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

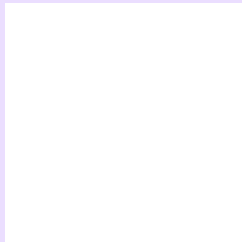
Any Text WCAG AAA ✓ Pass

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

RGB 235, 222, 255 Background



This preview shows how black text looks on a background with the RGB color 235, 222, 255.

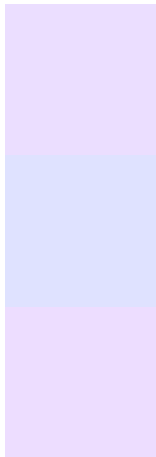


This preview shows how white text looks on a background with the RGB color 235, 222, 255.

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, 222, 255

Protanopia
223, 226, 255

Deuteranopia
237, 221, 255



Tritanopia
233, 224, 242

Trichromacy



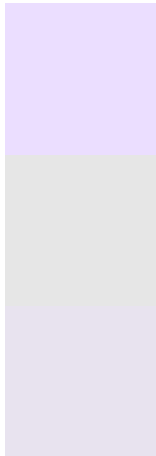
Original Color
235, 222, 255

Protanomaly
227, 225, 255

Deuteranomaly
236, 221, 255

Tritanomaly
234, 223, 247

Monochromacy



Original Color
235, 222, 255

Achromatopsia
230, 230, 230

Achromatomaly
232, 227, 239

CSS Examples

Text

The CSS property to change the color of the text to RGB 235, 222, 255 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, 222, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 222, 255)  
}
```

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, 222, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 222, 255) }
```

Border

The CSS property to change the border of an element to RGB 235, 222, 255 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, 222, 255) }
```

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

```
.border{ border-color:rgb(235, 222, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 222, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 222, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 222, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 222,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 235, 222, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 222, 255) }
```

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

```
.background{ background-color: rgb(235,  
222, 255) }
```

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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