

Converting Colors

RGB(232, 200, 244)

Have a look what the booklet for
RGB(232, 200, 244) contains.

RGB(232, 200, 244)	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(232, 200, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E8C8F4
RGB	232, 200, 244
RGB Percent	91%, 78%, 96%
CMY	0.0902, 0.2157, 0.0431
CMYK	0.05, 0.18, 0.00, 0.04
HSL	284°, 67%, 87%
HSV	284°, 18%, 96%
XYZ	70.2621, 64.9960, 94.4302
YIQ	214.5840, 4.9480, 20.4680

Conversions

Conversions Part 2

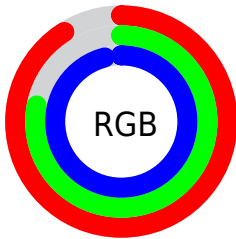
Format	Color
R _Y B	232, 200, 244
Decimal	15255796
CIE Lab	84.48, 18.99, -17.48
CIE LCh	84, 25.809, 317.359
Yxy	64.9960, 0.3059, 0.2830
Android (android.graphics.Color)	4293445876 (0xFFE8C8F4)
YUV	214.5840, 14.5021, 15.2738
Hunter-Lab	80.6201, 14.4813, -13.0122

Details

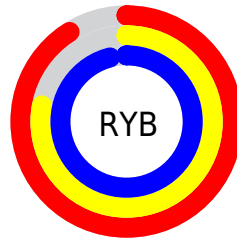
The RGB color **232, 200, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **212, 244, 200**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is 255, 255, 255, and **176, 146, 188** is the 20% darker color. If you saturate the color by 10%, you get **225, 176, 244**, and if you desaturate by 10%, it is **239, 224, 244**.

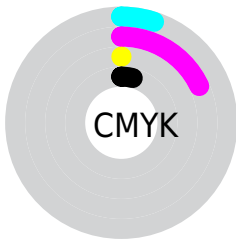
Distribution



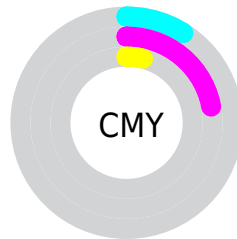
- Red (91%)
- Green (78%)
- Blue (96%)



- Red (91%)
- Yellow (78%)
- Blue (96%)



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 232, 200, 244 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 232, 200, 244 by changing the saturation by 10% instead.

■ 232, 200, 244

255, 255, 255

■ 232, 200, 244

■ 204, 173, 216

■ 176, 146, 188

■ 149, 120, 161

■ 123, 95, 134

■ 98, 71, 109

■ 74, 48, 85

■ 51, 27, 61

■ 30, 3, 39

■ 0, 1, 18

 232, 200, 244

 232, 200, 244

 225, 176, 244

 239, 224, 244

 219, 151, 244

 245, 249, 244

 212, 127, 244


 252, 255, 244

 205, 102, 244

 255, 255, 244

 199, 78, 244

 192, 54, 244

 185, 29, 244

 179, 5, 244

 177, 0, 244

Harmonies

Analogous

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



201, 208, 255



232, 200, 244



253, 194, 222

Triad

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



232, 200, 244



239, 206, 164



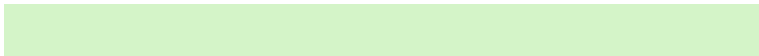
144, 225, 224

Complementary

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



232, 200, 244



212, 244, 200

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.



161, 224, 199



232, 200, 244



214, 214, 164

Square

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



232, 200, 244



255, 198, 176



187, 220, 177



146, 222, 246

Rectangle

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



232, 200, 244



255, 193, 206



187, 220, 177



148, 225, 216

Sweetspot

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



232, 200, 244



252, 242, 255



200, 212, 244



125, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 200, 244



240, 199, 255



244, 200, 234



119, 110, 122



135, 0, 186



43, 0, 59

Inverse Universe

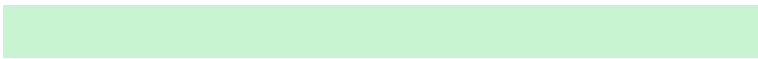
The Inverse Universe completely reimagines the original color for something new.



244, 200, 212



255, 199, 214



200, 244, 210



122, 110, 113



186, 0, 51



59, 0, 16

Previews

White Background



This preview shows how the RGB color 232, 200, 244 looks on a white background.

Color Contrast Check

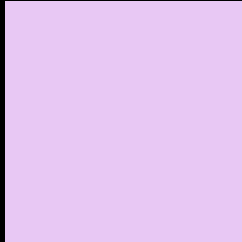
Large Text (above 18pt) WCAG AA × Fail

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 232, 200, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

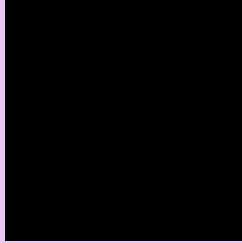
Any Text WCAG AA ✓ Pass

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 232, 200, 244 Background



This preview shows how black text looks on a background with the RGB color 232, 200, 244.



This preview shows how white text looks on a background with the RGB color 232, 200, 244.

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
232, 200, 244

Protanopia
203, 209, 250

Deuteranopia
216, 206, 243



Tritanopia
228, 204, 220

Trichromacy



Original Color

232, 200, 244

Protanomaly

214, 206, 248

Deuteranomaly

222, 204, 243

Tritanomaly

229, 203, 229

Monochromacy



Original Color

232, 200, 244

Achromatopsia

215, 215, 215

Achromatomaly

221, 210, 226

CSS Examples

Text

The CSS property to change the color of the text to RGB 232, 200, 244 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(232, 200, 244)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 244)  
}
```

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(232, 200, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 244) }
```

Border

The CSS property to change the border of an element to RGB 232, 200, 244 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(232, 200, 244) }
```

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

```
.border{ border-color:rgb(232, 200, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 244);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 232, 200, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 244) }
```

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

```
.background{ background-color: rgb(232,  
200, 244) }
```

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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