

Converting Colors

RGB(229, 185, 244)

Have a look what the booklet for
RGB(229, 185, 244) contains.

RGB(229, 185, 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(229, 185, 244)

Conversions

Conversions Part 1

Format	Color
Hex	E5B9F4
RGB	229, 185, 244
RGB Percent	90%, 73%, 96%
CMY	0.1020, 0.2745, 0.0431
CMYK	0.06, 0.24, 0.00, 0.04
HSL	285°, 73%, 84%
HSV	285°, 24%, 96%
XYZ	65.9912, 57.8876, 93.2833
YIQ	204.8820, 7.2850, 27.6770

Conversions

Conversions Part 2

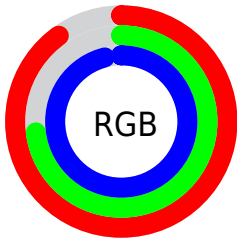
Format	Color
R _Y B	229, 185, 244
Decimal	15055348
CIE Lab	80.68, 26.04, -23.27
CIE LCh	81, 34.919, 318.212
Yxy	57.8876, 0.3039, 0.2666
Android (android.graphics.Color)	4293245428 (0xFFE5B9F4)
YUV	204.8820, 19.2852, 21.1515
Hunter-Lab	76.0839, 21.6748, -19.4342

Details

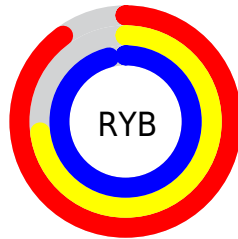
The RGB color **229, 185, 244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **200, 244, 185**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **255, 241, 255**, and **173, 132, 188** is the 20% darker color. If you saturate the color by 10%, you get **223, 161, 244**, and if you desaturate by 10%, it is **235, 209, 244**.

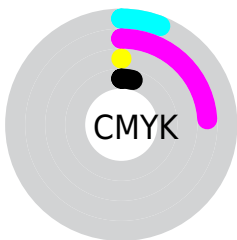
Distribution



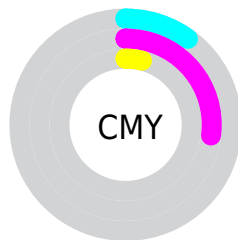
- Red (90%)
- Green (73%)
- Blue (96%)



- Red (90%)
- Yellow (73%)
- Blue (96%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the RGB color 229, 185, 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 229, 185, 244 by changing the saturation by 10% instead.

 229, 185, 244

 229, 185, 244

255, 255, 255

 201, 158, 215

 255, 241, 255

 173, 132, 188

 146, 106, 161

 120, 81, 134

 94, 58, 109

 70, 35, 84

 46, 13, 61

 29, 0, 39


 0, 1, 16

 229, 185, 244


 229, 185, 244

 223, 161, 244

 235, 209, 244

 217, 136, 244

 241, 234, 244

 210, 112, 244

 248, 255, 244


 204, 87, 244

 254, 255, 244

 198, 63, 244

 255, 255, 244

 192, 39, 244

 186, 14, 244

 182, 0, 244

Harmonies

Analogous

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



187, 196, 255



229, 185, 244



255, 177, 215

Triad

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



229, 185, 244



235, 194, 137



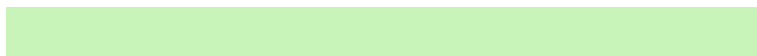
97, 218, 219

Complementary

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



229, 185, 244



200, 244, 185

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.



127, 217, 186



229, 185, 244



203, 204, 138

Square

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



229, 185, 244



255, 183, 153



166, 213, 156



99, 215, 248

Rectangle

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



229, 185, 244



255, 176, 192



166, 213, 156



105, 218, 208

Sweetspot

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



229, 185, 244



250, 237, 255



185, 201, 244



125, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 185, 244



236, 181, 255



244, 185, 230



119, 110, 122



139, 0, 186



44, 0, 59

Inverse Universe

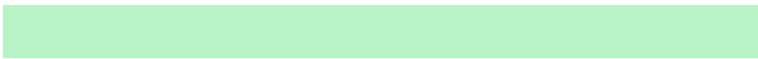
The Inverse Universe completely reimagines the original color for something new.



244, 185, 200



255, 181, 200



185, 244, 199



122, 110, 113



186, 0, 47



59, 0, 15

Previews

White Background



This preview shows how the RGB color 229, 185, 244 looks on a white background.

Color Contrast Check

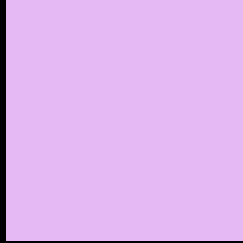
Large Text (above 18pt) WCAG AA × Fail

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 229, 185, 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 229, 185, 244 Background



This preview shows how black text looks on a background with the RGB color 229, 185, 244.

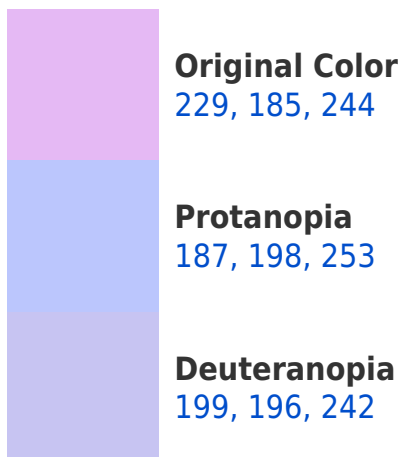



This preview shows how white text looks on a background with the RGB color 229, 185, 244.

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





Tritanopia
223, 192, 207

Trichromacy



Original Color

229, 185, 244



Protanomaly

202, 193, 250



Deuteranomaly

210, 192, 243



Tritanomaly

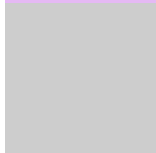
225, 189, 220

Monochromacy



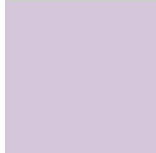
Original Color

229, 185, 244



Achromatopsia

205, 205, 205



Achromatomaly

214, 198, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 229, 185, 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(229, 185, 244)` looks like.

```
.text, #text, p{  
    color:rgb(229, 185, 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(229, 185, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 185, 244) }
```

Border

The CSS property to change the border of an element to RGB 229, 185, 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(229, 185, 244) }
```

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

```
.border{ border-color:rgb(229, 185, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 185, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 185, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 185, 244);  
box-shadow:4px 4px 4px 4px rgb(229, 185,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 229, 185, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 185, 244) }
```

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

```
.background{ background-color: rgb(229,  
185, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor