

Converting Colors

`RYB(237, 214, 248)`

Have a look what the booklet for
RYB(237, 214, 248) contains.

RYB(237, 214, 248)	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

R_YB(237, 214, 248)

Conversions

Conversions Part 1

Format	Color
Hex	EDD6F8
RGB	237, 214, 248
RGB Percent	93%, 84%, 97%
CMY	0.0706, 0.1608, 0.0275
CMYK	0.04, 0.14, 0.00, 0.03
HSL	281°, 71%, 91%
HSV	281°, 14%, 97%
XYZ	75.9149, 72.8750, 98.8721
YIQ	224.7530, 2.7940, 15.4500

Conversions

Conversions Part 2

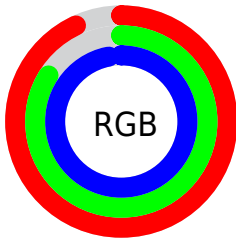
Format	Color
R _Y B	237, 214, 248
Decimal	15587064
CIE Lab	88.39, 13.96, -13.69
CIE LCh	88, 19.555, 315.554
Yxy	72.8750, 0.3065, 0.2943
Android (android.graphics.Color)	4293777144 (0xFFEDD6F8)
YUV	224.7530, 11.4608, 10.7406
Hunter-Lab	85.3668, 9.3443, -8.9130

Details

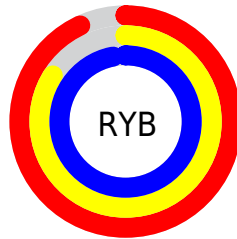
The RYB color **237, 214, 248** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **214, 248, 237**, and the grayscale version is **225, 225, 225**.

A 20% lighter version of the original color is 255, 255, 255, and **181, 159, 192** is the 20% darker color. If you saturate the color by 10%, you get **229, 189, 248**, and if you desaturate by 10%, it is **245, 239, 248**.

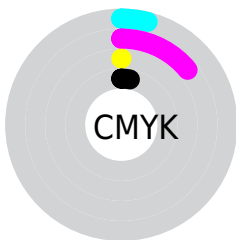
Distribution



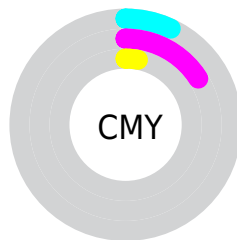
- Red (93%)
- Green (84%)
- Blue (97%)



- Red (93%)
- Yellow (84%)
- Blue (97%)



- Cyan (4%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (16%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 237, 214, 248 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 RYB color 237, 214, 248 by changing the saturation by 10% instead.

■ 237, 214, 248

255, 255, 255

■ 237, 214, 248

■ 209, 186, 219

■ 181, 159, 192

■ 154, 133, 164

■ 128, 108, 138

■ 103, 83, 113

■ 79, 60, 88

■ 55, 38, 65

■ 33, 18, 43

■ 6, 0, 22

237, 214, 248

237, 214, 248

229, 189, 248

245, 239, 248

221, 164, 248

248, 255, 250

213, 140, 248

248, 255, 248

205, 115, 248

197, 90, 248

189, 65, 248

181, 40, 248

173, 16, 248

168, 0, 248

Harmonies

Analogous

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



214, 219, 255



237, 214, 248



254, 210, 232

Triad

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



237, 214, 248



239, 245, 186



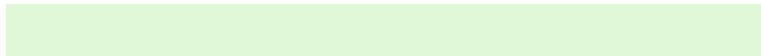
174, 204, 233

Complementary

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



237, 214, 248



214, 248, 237

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.



186, 215, 232



237, 214, 248



188, 226, 186

Square

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



237, 214, 248



255, 218, 196



195, 229, 219



175, 207, 248

Rectangle

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



237, 214, 248



255, 209, 219



195, 229, 219



177, 207, 233

Sweetspot

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



237, 214, 248



252, 245, 255



214, 222, 248



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



237, 214, 248



242, 214, 255



248, 214, 242



121, 112, 125



128, 0, 189



41, 0, 61

Inverse Universe

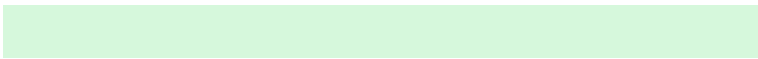
The Inverse Universe completely reimagines the original color for something new.



248, 214, 225



255, 214, 227



214, 243, 248



125, 112, 116



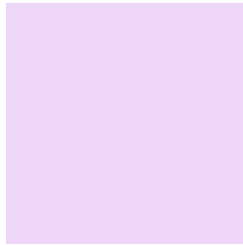
189, 0, 61



61, 0, 20

Previews

White Background



This preview shows how the RYB color 237, 214, 248 looks on a white background.

Color Contrast Check

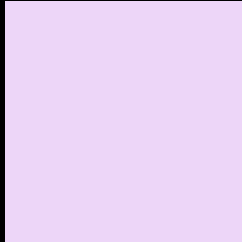
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 237, 214, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

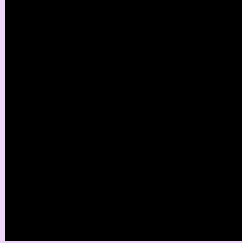
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

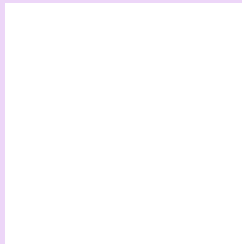
Any Text WCAG AAA ✓ Pass

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

RYB 237, 214, 248 Background



This preview shows how black text looks on a background with the RYB color 237, 214, 248.

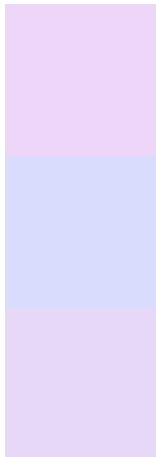


This preview shows how white text looks on a background with the RYB color 237, 214, 248.

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](#).

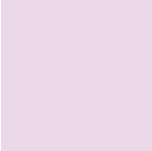
Dichromacy



Original Color
237, 214, 248

Protanopia
217, 220, 252

Deuteranopia
231, 216, 248



Tritanopia
235, 216, 233

Trichromacy



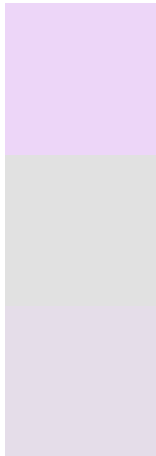
Original Color
237, 214, 248

Protanomaly
224, 218, 251

Deuteranomaly
233, 215, 248

Tritanomaly
236, 215, 238

Monochromacy



Original Color
237, 214, 248

Achromatopsia
225, 225, 225

Achromatomaly
229, 221, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 237, 214, 248 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(237, 214, 248) looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 248)  
}
```

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(237, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 248) }
```

Border

The CSS property to change the border of an element to RYB 237, 214, 248 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(237, 214, 248) }
```

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

```
.border{ border-color:rgb(237, 214, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 214, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 237, 214, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 248) }
```

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

```
.background{ background-color: rgb(237,  
214, 248) }
```

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