

Converting Colors

`RYB(229, 208, 251)`

Have a look what the booklet for RYB(229, 208, 251) contains.

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Color

R_YB(229, 208, 251)

Conversions

Conversions Part 1

Format	Color
Hex	E5D0FB
RGB	229, 208, 251
RGB Percent	90%, 82%, 98%
CMY	0.1020, 0.1843, 0.0157
CMYK	0.09, 0.17, 0.00, 0.02
HSL	269°, 84%, 90%
HSV	269°, 17%, 98%
XYZ	72.2816, 68.7348, 100.7243
YIQ	219.1810, -1.2870, 17.8250

Conversions

Conversions Part 2

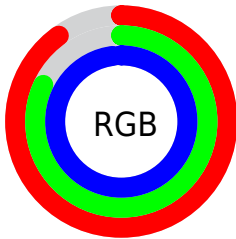
Format	Color
R_{YB}	229, 208, 251
Decimal	15061243
CIE _{Lab}	86.37, 15.13, -18.37
CIE _{LCh}	86, 23.796, 309.468
Yxy	68.7348, 0.2990, 0.2843
Android (android.graphics.Color)	4293251323 (0xFFE5D0FB)
YUV	219.1810, 15.6868, 8.6113
Hunter-Lab	82.9065, 10.5380, -13.9978

Details

The RYB color **229, 208, 251** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **208, 251, 229**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **255, 255, 255**, and **173, 154, 194** is the 20% darker color. If you saturate the color by 10%, you get **216, 183, 251**, and if you desaturate by 10%, it is **242, 233, 251**.

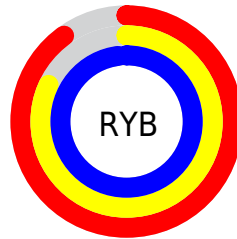
Distribution



Red (90%)

Green (82%)

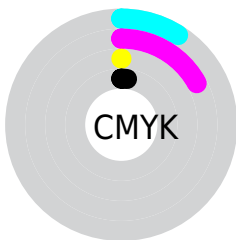
Blue (98%)



Red (90%)

Yellow (82%)

Blue (98%)

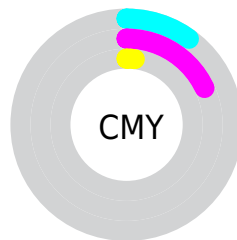


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (2%)



Cyan (10%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RYB color 229, 208, 251 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 229, 208, 251 by changing the saturation by 10% instead.

■ 229, 208, 251

255, 255, 255

■ 229, 208, 251

■ 201, 180, 222

■ 173, 154, 194

■ 147, 128, 167

■ 121, 102, 141

■ 96, 78, 115

■ 71, 55, 90

■ 48, 34, 67

■ 27, 13, 45

■ 0, 1, 24

■ 229, 208, 251

■ 229, 208, 251

■ 216, 183, 251

■ 242, 233, 251

■ 203, 158, 251

■ 251, 255, 251

■ 190, 133, 251

■ 178, 108, 251

■ 165, 83, 251

■ 152, 57, 251

■ 139, 32, 251

■ 126, 7, 251

■ 123, 0, 251

Harmonies

Analogous

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



200, 212, 255



229, 208, 251



252, 202, 232

Triad

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



229, 208, 251



247, 241, 174



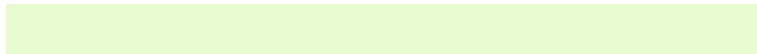
158, 195, 229

Complementary

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



229, 208, 251



208, 251, 229

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.



176, 212, 228



229, 208, 251



183, 226, 172

Square

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



229, 208, 251



255, 207, 188



181, 223, 203



155, 195, 244

Rectangle

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



229, 208, 251



255, 200, 217



181, 223, 203



163, 200, 229

Sweetspot

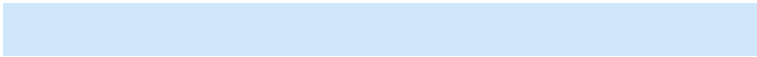
The Sweet Spot groups the original color and five complimentary colors.



229, 208, 251



248, 242, 255



208, 223, 251



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



229, 208, 251



228, 201, 255



250, 208, 251



119, 112, 125



92, 0, 189



30, 0, 61

Inverse Universe

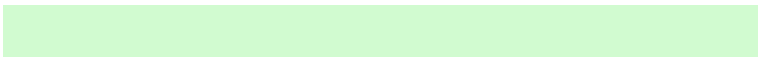
The Inverse Universe completely reimagines the original color for something new.



251, 208, 230



255, 201, 229



208, 251, 250



125, 112, 119



189, 0, 97



61, 0, 31

Previews

White Background



This preview shows how the RYB color 229, 208, 251 looks on a white background.

Color Contrast Check

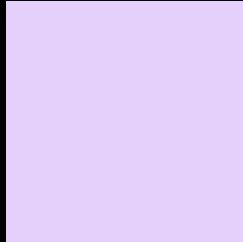
Large Text (above 18pt) WCAG AA × Fail

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 229, 208, 251 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 229, 208, 251 Background



This preview shows how black text looks on a background with the RYB color 229, 208, 251.

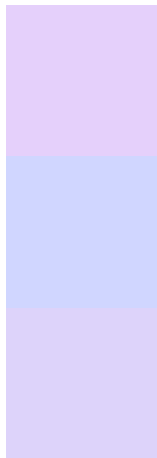


This preview shows how white text looks on a background with the RYB color 229, 208, 251.

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
229, 208, 251

Protanopia
208, 213, 255

Deuteranopia
221, 211, 250



Tritanopia
225, 212, 229

Trichromacy



Original Color
229, 208, 251

Protanomaly
216, 212, 254

Deuteranomaly
224, 210, 250

Tritanomaly
226, 211, 237

Monochromacy



Original Color
229, 208, 251

Achromatopsia
219, 219, 219

Achromatomaly
223, 215, 231

CSS Examples

Text

The CSS property to change the color of the text to RYB 229, 208, 251 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, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(229, 208, 251)  
}
```

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, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 208, 251) }
```

Border

The CSS property to change the border of an element to RYB 229, 208, 251 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, 208, 251) }
```

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

```
.border{ border-color:rgb(229, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(229, 208,  
251) }
```

Background

The CSS property to change the background color of an element to RYB 229, 208, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 208, 251) }
```

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

```
.background{ background-color: rgb(229,  
208, 251) }
```

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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