

Converting Colors

`RYB(232, 213, 238)`

Have a look what the booklet for
RYB(232, 213, 238) contains.

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Color

`RYB(232, 213, 238)`

Conversions

Conversions Part 1

Format	Color
Hex	E8D5EE
RGB	232, 213, 238
RGB Percent	91%, 84%, 93%
CMY	0.0902, 0.1647, 0.0667
CMYK	0.03, 0.11, 0.00, 0.07
HSL	286°, 42%, 88%
HSV	286°, 11%, 93%
XYZ	72.5056, 70.9174, 90.7559
YIQ	221.5310, 3.2990, 11.8030

Conversions

Conversions Part 2

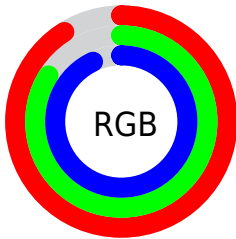
Format	Color
R _{YB}	232, 213, 238
Decimal	15259118
CIE _{Lab}	87.44, 10.97, -9.87
CIE _{LCh}	87, 14.759, 318.040
Yxy	70.9174, 0.3096, 0.3028
Android (android.graphics.Color)	4293449198 (0xFFE8D5EE)
YUV	221.5310, 8.1192, 9.1813
Hunter-Lab	84.2124, 6.3139, -4.9482

Details

The RYB color **232, 213, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **213, 238, 232**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **176, 158, 182** is the 20% darker color. If you saturate the color by 10%, you get **226, 189, 238**, and if you desaturate by 10%, it is **238, 237, 238**.

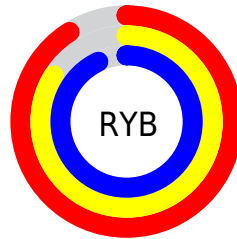
Distribution



Red (91%)

Green (84%)

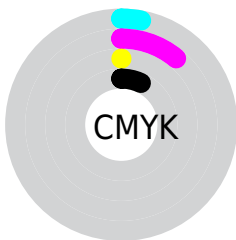
Blue (93%)



Red (91%)

Yellow (84%)

Blue (93%)

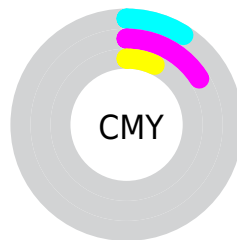


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 232, 213, 238 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 232, 213, 238 by changing the saturation by 10% instead.

■ 232, 213, 238

255, 255, 255

■ 232, 213, 238

■ 204, 185, 210

■ 176, 158, 182

■ 150, 132, 155

■ 124, 107, 129

■ 99, 83, 104

■ 75, 60, 80


■ 52, 38, 57

■ 31, 17, 35


■ 0, 1, 13

 232, 213, 238

 232, 213, 238

 226, 189, 238

 238, 237, 238

 221, 165, 238


 238, 255, 250


 215, 142, 238

 238, 255, 244


 209, 118, 238


 238, 255, 238

 203, 94, 238

 198, 70, 238

 192, 46, 238

 186, 23, 238

 181, 0, 238

Harmonies

Analogous

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



215, 217, 246



232, 213, 238



244, 210, 225

Triad

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



232, 213, 238



229, 236, 192



184, 206, 227

Complementary

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



232, 213, 238



213, 238, 232

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.



191, 213, 227



232, 213, 238



192, 221, 192

Square

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



232, 213, 238



246, 217, 199



200, 225, 220



186, 209, 239

Rectangle

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



232, 213, 238



249, 210, 216



200, 225, 220



185, 208, 228

Sweetspot

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



232, 213, 238



253, 247, 255



213, 218, 238



126, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



232, 213, 238



247, 222, 255



238, 213, 232



117, 108, 120



140, 0, 184



43, 0, 56

Inverse Universe

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



238, 213, 219



255, 222, 230



213, 233, 238



120, 108, 111



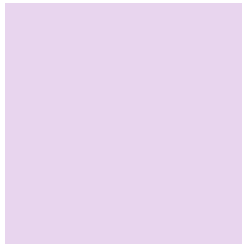
184, 0, 44



56, 0, 13

Previews

White Background



This preview shows how the RYB color 232, 213, 238 looks on a white background.

Color Contrast Check

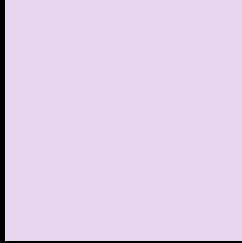
Large Text (above 18pt) WCAG AA × Fail

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 232, 213, 238 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

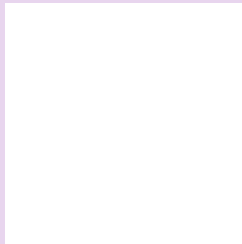
Any Text WCAG AAA ✓ Pass

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

RYB 232, 213, 238 Background



This preview shows how black text looks on a background with the RYB color 232, 213, 238.



This preview shows how white text looks on a background with the RYB color 232, 213, 238.

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, 213, 238

Protanopia
217, 218, 241

Deuteranopia
232, 213, 238



Tritanopia
231, 214, 231

Trichromacy



Original Color

232, 213, 238

Protanomaly

222, 216, 240

Deuteranomaly

232, 213, 238

Tritanomaly

231, 214, 234

Monochromacy



Original Color

232, 213, 238

Achromatopsia

222, 222, 222

Achromatomaly

226, 219, 228

CSS Examples

Text

The CSS property to change the color of the text to RYB 232, 213, 238 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, 213, 238) looks like.

```
.text, #text, p{  
    color:rgb(232, 213, 238)  
}
```

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, 213, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 213, 238) }
```

Border

The CSS property to change the border of an element to RYB 232, 213, 238 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, 213, 238) }
```

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

```
.border{ border-color:rgb(232, 213, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 213, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 213, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 213, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 213,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 232, 213, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 213, 238) }
```

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

```
.background{ background-color: rgb(232,  
213, 238) }
```

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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