

Converting Colors

`RYB(223, 218, 235)`

Have a look what the booklet for
RYB(223, 218, 235) contains.

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Color

R_YB(223, 218, 235)

Conversions

Conversions Part 1

Format	Color
Hex	DFDAEB
RGB	223, 218, 235
RGB Percent	87%, 85%, 92%
CMY	0.1255, 0.1451, 0.0784
CMYK	0.05, 0.07, 0.00, 0.08
HSL	258°, 30%, 89%
HSV	258°, 7%, 92%
XYZ	70.4982, 71.8289, 88.7460
YIQ	221.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

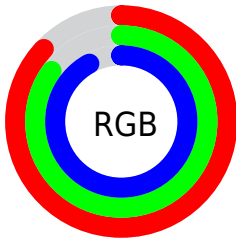
Format	Color
R _Y B	223, 218, 235
Decimal	14670571
CIE Lab	87.89, 4.82, -7.71
CIE LCh	88, 9.089, 302.005
Yxy	71.8289, 0.3051, 0.3108
Android (android.graphics.Color)	4292860651 (0xFFDFDAEB)
YUV	221.4330, 6.6885, 1.3743
Hunter-Lab	84.7520, 0.1636, -2.7577

Details

The RYB color **223, 218, 235** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **218, 235, 223**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **255, 255, 255**, and **168, 163, 179** is the 20% darker color. If you saturate the color by 10%, you get **206, 195, 235**, and if you desaturate by 10%, it is **235, 242, 237**.

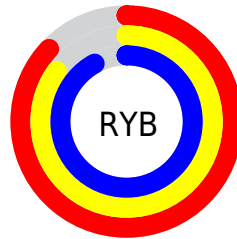
Distribution



Red (87%)

Green (85%)

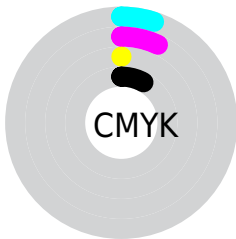
Blue (92%)



Red (87%)

Yellow (85%)

Blue (92%)

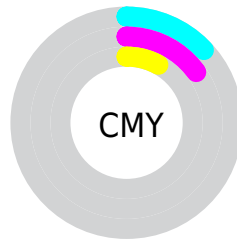


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (8%)



Cyan (13%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RYB color 223, 218, 235 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 223, 218, 235 by changing the saturation by 10% instead.

■ 223, 218, 235

255, 255, 255

■ 223, 218, 235

■ 195, 190, 207

■ 168, 163, 179

■ 141, 137, 153

■ 116, 112, 127

■ 91, 87, 102

■ 68, 64, 78

■ 45, 42, 55

■ 25, 22, 33

■ 0, 0, 10

■ 223, 218, 235

■ 223, 218, 235

■ 206, 195, 235

■ 235, 242, 237

■ 190, 171, 235

■ 235, 255, 235

■ 173, 147, 235

■ 157, 124, 235

■ 140, 101, 235

■ 123, 77, 235

■ 107, 54, 235

■ 90, 30, 235

■ 74, 6, 235

Harmonies

Analogous

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



212, 219, 237



223, 218, 235



232, 216, 229

Triad

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



223, 218, 235



235, 225, 205



201, 215, 226

Complementary

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



223, 218, 235



218, 235, 223

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.



208, 222, 225



223, 218, 235



213, 227, 203

Square

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



223, 218, 235



239, 215, 212



206, 223, 212



199, 213, 229

Rectangle

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



223, 218, 235



237, 215, 223



206, 223, 212



203, 217, 226

Sweetspot

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



223, 218, 235



251, 250, 255



218, 225, 235



126, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



223, 218, 235



239, 232, 255



231, 218, 235



109, 106, 117



53, 0, 181



16, 0, 54

Inverse Universe

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



235, 218, 230



255, 232, 248



218, 235, 231



117, 106, 114



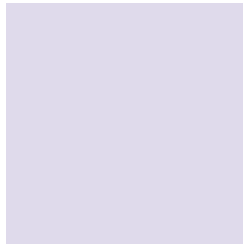
181, 0, 128



54, 0, 38

Previews

White Background



This preview shows how the RYB color 223, 218, 235 looks on a white background.

Color Contrast Check

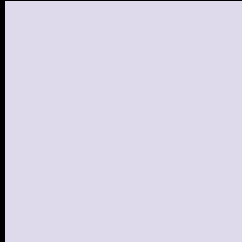
Large Text (above 18pt) WCAG AA × Fail

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 223, 218, 235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

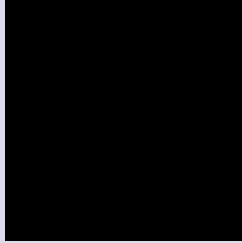
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

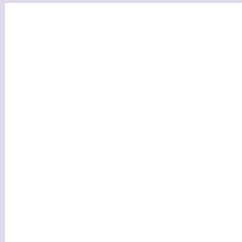
Any Text WCAG AAA ✓ Pass

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

RGB 223, 218, 235 Background



This preview shows how black text looks on a background with the RGB color 223, 218, 235.

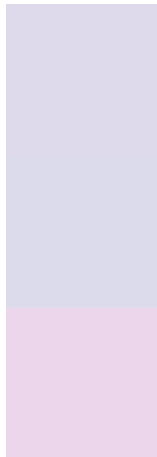


This preview shows how white text looks on a background with the RGB color 223, 218, 235.

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
223, 218, 235

Protanopia
220, 219, 236

Deuteranopia
235, 214, 236



Tritanopia

223, 218, 235

Trichromacy



Original Color
223, 218, 235

Protanomaly
221, 219, 236

Deuteranomaly
231, 215, 236

Tritanomaly
223, 218, 235

Monochromacy



Original Color
223, 218, 235

Achromatopsia
221, 221, 221

Achromatomaly
222, 220, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 223, 218, 235 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(223, 218, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 218, 235)  
}
```

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(223, 218, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 218, 235) }
```

Border

The CSS property to change the border of an element to RYB 223, 218, 235 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(223, 218, 235) }
```

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

```
.border{ border-color:rgb(223, 218, 235) }
```

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

Here you see how a box with a 4 pixel rgb(223, 218, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 218, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 218, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 218,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 223, 218, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 218, 235) }
```

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

```
.background{ background-color: rgb(223,  
218, 235) }
```

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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