

Converting Colors

`RYB(198, 189, 238)`

Have a look what the booklet for RYB(198, 189, 238) contains.

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Color

R_YB(198, 189, 238)

Conversions

Conversions Part 1

Format	Color
Hex	C6BDEE
RGB	198, 189, 238
RGB Percent	78%, 74%, 93%
CMY	0.2235, 0.2588, 0.0667
CMYK	0.17, 0.21, 0.00, 0.07
HSL	251°, 59%, 84%
HSV	251°, 21%, 93%
XYZ	56.9189, 54.5740, 88.4228
YIQ	197.2770, -10.3650, 17.1470

Conversions

Conversions Part 2

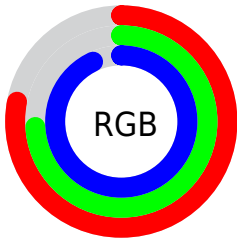
Format	Color
RYB	198, 189, 238
Decimal	13024750
CIELab	78.80, 12.85, -23.15
CIElCh	79, 26.479, 299.023
Yxy	54.5740, 0.2847, 0.2730
Android (android.graphics.Color)	4291214830 (0xFFC6BDEE)
YUV	197.2770, 20.0764, 0.6341
Hunter-Lab	73.8742, 8.2515, -19.2545

Details

The RYB color **198, 189, 238** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **189, 238, 198**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **255, 245, 255**, and **144, 136, 182** is the 20% darker color. If you saturate the color by 10%, you get **179, 165, 238**, and if you desaturate by 10%, it is **217, 213, 238**.

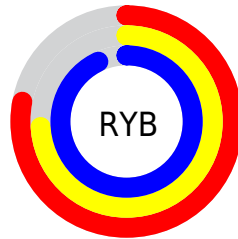
Distribution



Red (78%)

Green (74%)

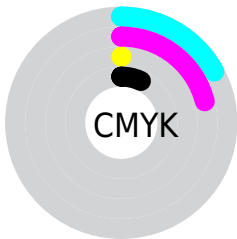
Blue (93%)



Red (78%)

Yellow (74%)

Blue (93%)

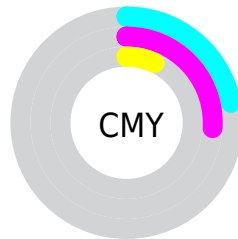


Cyan (17%)

Magenta (21%)

Yellow (0%)

Black (7%)



Cyan (22%)

Magenta (26%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 189, 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 198, 189, 238 by changing the saturation by 10% instead.

■ 198, 189, 238

255, 255, 255

■ 255, 245, 255

■ 198, 189, 238

■ 170, 162, 210

■ 144, 136, 182

■ 118, 110, 155

■ 92, 86, 129

■ 68, 63, 104

■ 45, 41, 79

■ 22, 21, 56

■ 0, 0, 35

■ 0, 0, 9

■ 198, 189, 238

■ 198, 189, 238

■ 179, 165, 238

■ 217, 213, 238

■ 159, 141, 238

■ 237, 237, 238

■ 140, 118, 238

■ 238, 255, 238

■ 120, 94, 238

■ 101, 70, 238

■ 81, 46, 238

■ 62, 22, 238

■ 44, 0, 238

Harmonies

Analogous

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



164, 187, 244



198, 189, 238



226, 181, 221

Triad

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



198, 189, 238



234, 205, 154



135, 176, 209

Complementary

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



198, 189, 238



189, 238, 198

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.



159, 198, 206



198, 189, 238



176, 214, 146

Square

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



198, 189, 238



245, 180, 172



152, 201, 165



124, 168, 218

Rectangle

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



198, 189, 238



239, 178, 205



152, 201, 165



142, 182, 208

Sweetspot

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



198, 189, 238



243, 240, 255



189, 211, 238



120, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



198, 189, 238



203, 191, 255



222, 189, 238



110, 108, 120



34, 0, 184



10, 0, 56

Inverse Universe

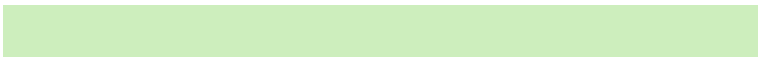
The Inverse Universe completely reimagines the original color for something new.



238, 189, 229



255, 191, 243



189, 238, 222



120, 108, 118



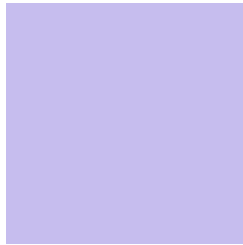
184, 0, 150



56, 0, 46

Previews

White Background



This preview shows how the RYB color 198, 189, 238 looks on a white background.

Color Contrast Check

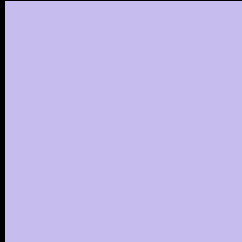
Large Text (above 18pt) WCAG AA × Fail

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 198, 189, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

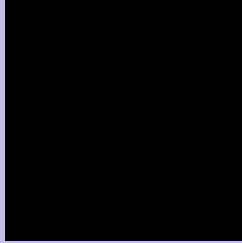
Any Text WCAG AA ✓ Pass

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 198, 189, 238 Background



This preview shows how black text looks on a background with the RYB color 198, 189, 238.



This preview shows how white text looks on a background with the RYB color 198, 189, 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](#).

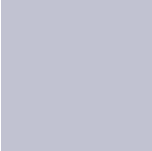
Dichromacy



Original Color
198, 189, 238

Protanopia
184, 192, 241

Deuteranopia
193, 191, 238



Tritanopia
193, 194, 209

Trichromacy



Original Color
198, 189, 238

Protanomaly
189, 192, 240

Deuteranomaly
195, 190, 238

Tritanomaly
195, 192, 220

Monochromacy



Original Color
198, 189, 238

Achromatopsia
197, 197, 197

Achromatomaly
197, 194, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 189, 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(198, 189, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 189, 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(198, 189, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 189, 238) }
```

Border

The CSS property to change the border of an element to RYB 198, 189, 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(198, 189, 238) }
```

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

```
.border{ border-color:rgb(198, 189, 238) }
```

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

Here you see how a box with a 4 pixel rgb(198, 189, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 189, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 189, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 189,  
238) }
```

Background

The CSS property to change the background color of an element to RYB 198, 189, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 189, 238) }
```

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

```
.background{ background-color: rgb(198,  
189, 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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