

Converting Colors

`RYB(217, 198, 237)`

Have a look what the booklet for RYB(217, 198, 237) contains.

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Color

`RYB(217, 198, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	D9C6ED
RGB	217, 198, 237
RGB Percent	85%, 78%, 93%
CMY	0.1490, 0.2235, 0.0706
CMYK	0.08, 0.16, 0.00, 0.07
HSL	269°, 52%, 85%
HSV	269°, 16%, 93%
XYZ	64.0954, 61.2543, 88.5658
YIQ	208.1270, -1.1950, 16.1570

Conversions

Conversions Part 2

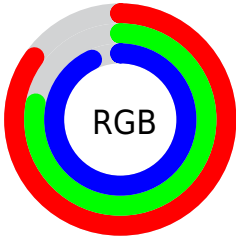
Format	Color
RYB	217, 198, 237
Decimal	14272237
CIELab	82.52, 13.83, -16.84
CIElCh	83, 21.791, 309.390
Yxy	61.2543, 0.2996, 0.2863
Android (android.graphics.Color)	4292462317 (0xFFD9C6ED)
YUV	208.1270, 14.2344, 7.7816
Hunter-Lab	78.2651, 9.2190, -12.3077

Details

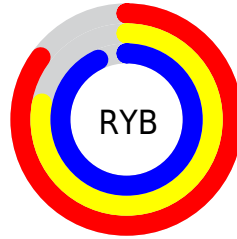
The RYB color **217, 198, 237** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **198, 237, 217**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is 255, 255, 255, and **162, 144, 181** is the 20% darker color. If you saturate the color by 10%, you get **205, 174, 237**, and if you desaturate by 10%, it is **229, 222, 237**.

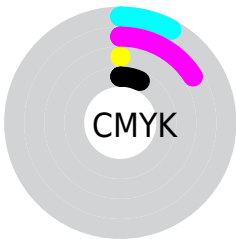
Distribution



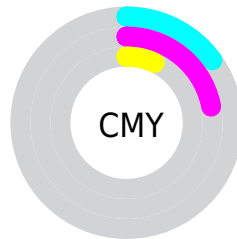
- Red (85%)
- Green (78%)
- Blue (93%)



- Red (85%)
- Yellow (78%)
- Blue (93%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (15%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RYB color 217, 198, 237 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 217, 198, 237 by changing the saturation by 10% instead.

■ 217, 198, 237

255, 255, 255

■ 217, 198, 237

■ 189, 171, 209

■ 162, 144, 181

■ 136, 118, 154

■ 110, 94, 128

■ 85, 70, 103

■ 62, 48, 79

■ 39, 27, 56

■ 21, 0, 35

■ 0, 0, 10

■ 217, 198, 237

■ 217, 198, 237

■ 205, 174, 237

■ 229, 222, 237

■ 193, 151, 237

■ 237, 245, 241

■ 181, 127, 237

■ 237, 255, 239

■ 168, 103, 237

■ 237, 255, 237

■ 156, 80, 237

■ 144, 56, 237

■ 132, 32, 237

■ 120, 8, 237

■ 115, 0, 237

Harmonies

Analogous

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



190, 202, 245



217, 198, 237



237, 193, 220

Triad

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



217, 198, 237



234, 226, 168



153, 187, 217

Complementary

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



217, 198, 237



198, 237, 217

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.



169, 201, 216



217, 198, 237



176, 215, 165

Square

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



217, 198, 237



246, 198, 180



173, 212, 194



151, 187, 231

Rectangle

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



217, 198, 237



245, 191, 207



173, 212, 194



157, 191, 217

Sweetspot

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



217, 198, 237



248, 242, 255



198, 211, 237



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 198, 237



229, 204, 255



236, 198, 237



111, 106, 117



88, 0, 181



26, 0, 54

Inverse Universe

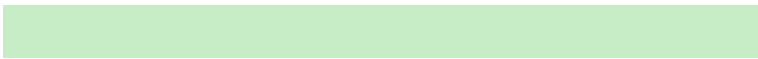
The Inverse Universe completely reimagines the original color for something new.



237, 198, 218



255, 204, 230



198, 237, 236



117, 106, 112



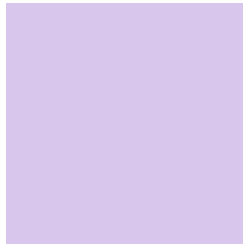
181, 0, 93



54, 0, 27

Previews

White Background



This preview shows how the RYB color 217, 198, 237 looks on a white background.

Color Contrast Check

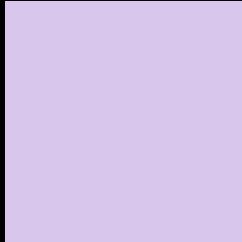
Large Text (above 18pt) WCAG AA × Fail

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 217, 198, 237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

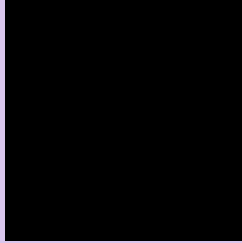
Any Text WCAG AA ✓ Pass

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 217, 198, 237 Background



This preview shows how black text looks on a background with the RYB color 217, 198, 237.



This preview shows how white text looks on a background with the RYB color 217, 198, 237.

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
217, 198, 237

Protanopia
198, 203, 241

Deuteranopia
211, 200, 237



Tritanopia
214, 201, 217

Trichromacy



Original Color
217, 198, 237

Protanomaly
205, 202, 240

Deuteranomaly
213, 199, 237

Tritanomaly
215, 200, 224

Monochromacy



Original Color
217, 198, 237

Achromatopsia
208, 208, 208

Achromatomaly
211, 204, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 198, 237 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(217, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 237)  
}
```

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(217, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 237) }
```

Border

The CSS property to change the border of an element to RYB 217, 198, 237 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(217, 198, 237) }
```

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

```
.border{ border-color:rgb(217, 198, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
237) }
```

Background

The CSS property to change the background color of an element to RYB 217, 198, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 237) }
```

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

```
.background{ background-color: rgb(217,  
198, 237) }
```

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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