

Converting Colors

`RYB(217, 192, 255)`

Have a look what the booklet for RYB(217, 192, 255) contains.

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Color

R_YB(217, 192, 255)

Conversions

Conversions Part 1

Format	Color
Hex	D9C0FF
RGB	217, 192, 255
RGB Percent	85%, 75%, 100%
CMY	0.1490, 0.2471, 0.0000
CMYK	0.15, 0.25, 0.00, 0.00
HSL	264°, 100%, 88%
HSV	264°, 25%, 100%
XYZ	65.5149, 59.6710, 102.6724
YIQ	206.6570, -5.3230, 24.8930

Conversions

Conversions Part 2

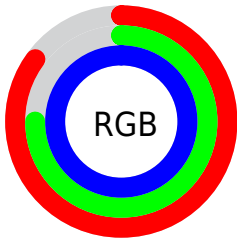
Format	Color
R_{YB}	217, 192, 255
Decimal	14270719
CIE _{Lab}	81.66, 20.73, -27.75
CIE _{LCh}	82, 34.635, 306.768
Yxy	59.6710, 0.2875, 0.2619
Android (android.graphics.Color)	4292460799 (0xFFD9C0FF)
YUV	206.6570, 23.8331, 9.0708
Hunter-Lab	77.2470, 16.2076, -24.7320

Details

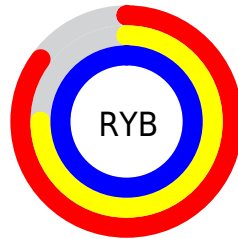
The RYB color **217, 192, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **192, 255, 217**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **255, 248, 255**, and **162, 138, 198** is the 20% darker color. If you saturate the color by 10%, you get **202, 167, 255**, and if you desaturate by 10%, it is **232, 218, 255**.

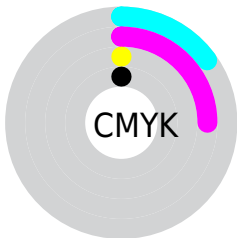
Distribution



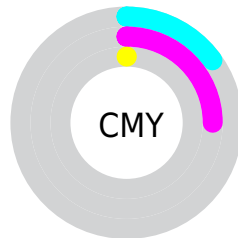
- Red (85%)
- Green (75%)
- Blue (100%)



- Red (85%)
- Yellow (75%)
- Blue (100%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 217, 192, 255 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, 192, 255 by changing the saturation by 10% instead.

 217, 192, 255

 217, 192, 255

255, 255, 255

 189, 165, 226

 255, 248, 255

 162, 138, 198

 135, 113, 171

 109, 88, 144

 84, 65, 118

 60, 42, 93

 36, 21, 69

 18, 0, 47

 0, 1, 25

■ 217, 192, 255

■ 217, 192, 255

■ 202, 167, 255

■ 232, 218, 255

■ 186, 141, 255

■ 248, 243, 255

■ 171, 116, 255

255, 255, 255

■ 155, 90, 255

■ 140, 65, 255

■ 125, 39, 255

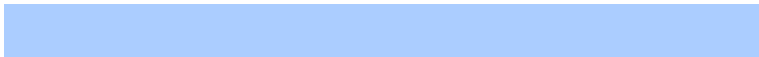
■ 109, 14, 255

■ 101, 0, 255

Harmonies

Analogous

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



171, 195, 255



217, 192, 255



251, 182, 229

Triad

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



217, 192, 255



247, 234, 144



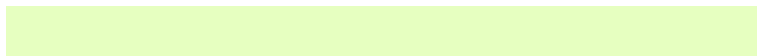
111, 169, 221

Complementary

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



217, 192, 255



192, 255, 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.



145, 197, 219



217, 192, 255



156, 218, 138

Square

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



217, 192, 255



255, 187, 166



150, 213, 180



98, 164, 241

Rectangle

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



217, 192, 255



255, 179, 208



150, 213, 180



121, 177, 221

Sweetspot

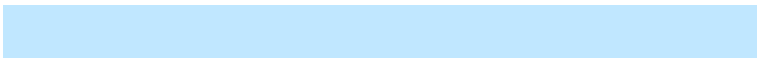
The Sweet Spot groups the original color and five complimentary colors.



217, 192, 255



244, 237, 255



192, 216, 255



121, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



217, 192, 255



209, 179, 255



248, 192, 255



120, 115, 128



76, 0, 191



25, 0, 64

Inverse Universe

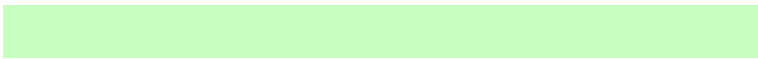
The Inverse Universe completely reimagines the original color for something new.



255, 192, 230



255, 179, 225



192, 255, 248



128, 115, 122



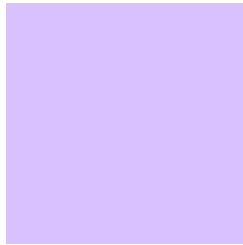
191, 0, 115



64, 0, 38

Previews

White Background



This preview shows how the RYB color 217, 192, 255 looks on a white background.

Color Contrast Check

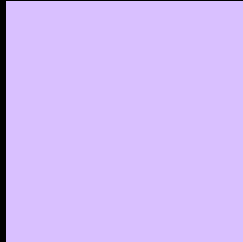
Large Text (above 18pt) WCAG AA × Fail

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, 192, 255 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, 192, 255 Background



This preview shows how black text looks on a background with the RYB color 217, 192, 255.

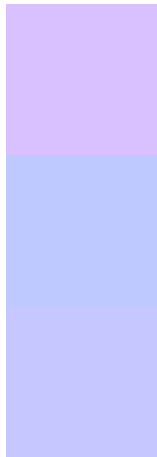


This preview shows how white text looks on a background with the RYB color 217, 192, 255.

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](#).

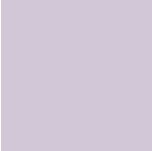
Dichromacy



Original Color
217, 192, 255

Protanopia
189, 199, 255

Deuteranopia
197, 199, 254



Tritanopia
210, 199, 215

Trichromacy



Original Color
217, 192, 255

Protanomaly
199, 198, 255

Deuteranomaly
204, 196, 254

Tritanomaly
213, 196, 230

Monochromacy



Original Color
217, 192, 255

Achromatopsia
207, 207, 207

Achromatomaly
211, 202, 224

CSS Examples

Text

The CSS property to change the color of the text to RYB 217, 192, 255 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, 192, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 255)  
}
```

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, 192, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 255) }
```

Border

The CSS property to change the border of an element to RYB 217, 192, 255 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, 192, 255) }
```

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

```
.border{ border-color:rgb(217, 192, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 192, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 192, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 192, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 192,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 217, 192, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 255) }
```

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

```
.background{ background-color: rgb(217,  
192, 255) }
```

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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