

Converting Colors

`RYB(201, 178, 255)`

Have a look what the booklet for RYB(201, 178, 255) contains.

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Color

R_YB(201, 178, 255)

Conversions

Conversions Part 1

Format	Color
Hex	C9B2FF
RGB	201, 178, 255
RGB Percent	79%, 70%, 100%
CMY	0.2118, 0.3020, 0.0000
CMYK	0.21, 0.30, 0.00, 0.00
HSL	258°, 100%, 85%
HSV	258°, 30%, 100%
XYZ	58.0578, 51.4783, 101.4841
YIQ	193.6550, -11.0090, 28.8230

Conversions

Conversions Part 2

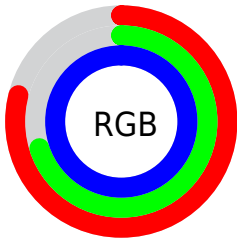
Format	Color
R_{YB}	201, 178, 255
Decimal	13218559
CIE _{Lab}	76.97, 23.52, -35.07
CIE _{LCh}	77, 42.227, 303.840
Yxy	51.4783, 0.2751, 0.2439
Android (android.graphics.Color)	4291408639 (0xFFC9B2FF)
YUV	193.6550, 30.2431, 6.4416
Hunter-Lab	71.7484, 18.8801, -33.6385

Details

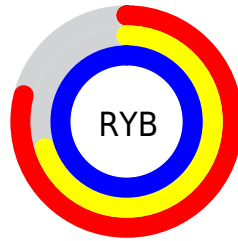
The RYB color **201, 178, 255** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **178, 255, 201**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 234, 255**, and **146, 125, 198** is the 20% darker color. If you saturate the color by 10%, you get **183, 152, 255**, and if you desaturate by 10%, it is **219, 203, 255**.

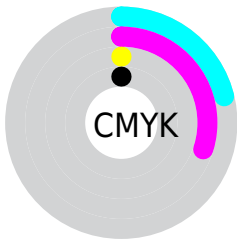
Distribution



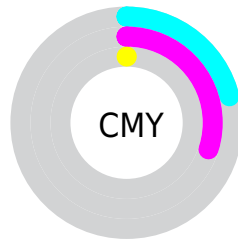
- Red (79%)
- Green (70%)
- Blue (100%)



- Red (79%)
- Yellow (70%)
- Blue (100%)



- Cyan (21%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the RYB color 201, 178, 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 201, 178, 255 by changing the saturation by 10% instead.


 201, 178, 255

255, 255, 255

 255, 234, 255

 201, 178, 255


 173, 151, 226

 146, 125, 198

 119, 100, 170

 93, 76, 144


 68, 53, 118


 43, 31, 93


 16, 11, 69

 0, 0, 46

 0, 1, 24

 201, 178, 255


 201, 178, 255

 183, 152, 255

 219, 203, 255

 165, 127, 255

 237, 229, 255


 147, 101, 255

255, 255, 255

 129, 76, 255

 112, 50, 255

 94, 25, 255

 76, 0, 255

Harmonies

Analogous

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



141, 176, 255



201, 178, 255



243, 165, 225

Triad

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



201, 178, 255



244, 220, 121



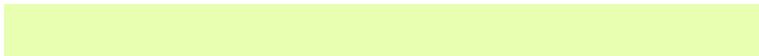
63, 142, 211

Complementary

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



201, 178, 255



178, 255, 201

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.



121, 184, 208



201, 178, 255



139, 211, 111

Square

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



201, 178, 255



255, 167, 148



124, 201, 156



0, 110, 232

Rectangle

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



201, 178, 255



255, 160, 200



124, 201, 156



85, 156, 210

Sweetspot

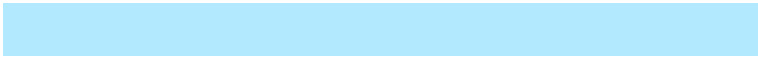
The Sweet Spot groups the original color and five complimentary colors.



201, 178, 255



239, 232, 255



178, 210, 255



118, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



201, 178, 255



191, 163, 255



238, 178, 255



119, 115, 128



57, 0, 191



19, 0, 64

Inverse Universe

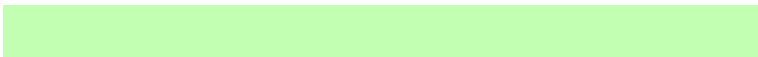
The Inverse Universe completely reimagines the original color for something new.



255, 178, 232



255, 163, 228



178, 255, 238



128, 115, 124



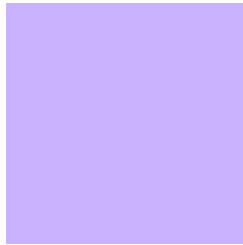
191, 0, 134



64, 0, 45

Previews

White Background



This preview shows how the RYB color 201, 178, 255 looks on a white background.

Color Contrast Check

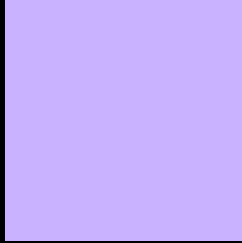
Large Text (above 18pt) WCAG AA × Fail

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 201, 178, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

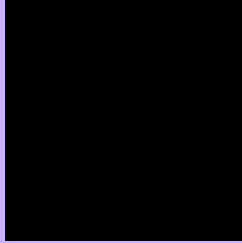
Any Text WCAG AA ✓ Pass

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 201, 178, 255 Background



This preview shows how black text looks on a background with the RYB color 201, 178, 255.



This preview shows how white text looks on a background with the RYB color 201, 178, 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
201, 178, 255

Protanopia
171, 185, 255

Deuteranopia
174, 185, 253



Tritanopia
192, 188, 203

Trichromacy



Original Color
201, 178, 255

Protanomaly
182, 184, 255

Deuteranomaly
184, 184, 254

Tritanomaly
195, 184, 222

Monochromacy



Original Color
201, 178, 255

Achromatopsia
194, 194, 194

Achromatomaly
197, 188, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 178, 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(201, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 178, 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(201, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 178, 255) }
```

Border

The CSS property to change the border of an element to RYB 201, 178, 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(201, 178, 255) }
```

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

```
.border{ border-color:rgb(201, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 178,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 201, 178, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 178, 255) }
```

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

```
.background{ background-color: rgb(201,  
178, 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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