

Converting Colors

`RYB(193, 178, 214)`

Have a look what the booklet for RYB(193, 178, 214) contains.

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Color

$\text{RYB}(193, 178, 214)$

Conversions

Conversions Part 1

Format	Color
Hex	C1B2D6
RGB	193, 178, 214
RGB Percent	76%, 70%, 84%
CMY	0.2431, 0.3020, 0.1608
CMYK	0.10, 0.17, 0.00, 0.16
HSL	265°, 31%, 77%
HSV	265°, 17%, 84%
XYZ	50.0503, 48.0333, 70.2517
YIQ	186.5890, -2.6160, 14.3760

Conversions

Conversions Part 2

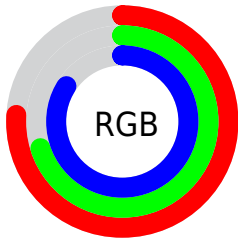
Format	Color
R _Y B	193, 178, 214
Decimal	12694230
CIE Lab	74.85, 12.19, -16.19
CIE LCh	75, 20.263, 306.967
Yxy	48.0333, 0.2973, 0.2853
Android (android.graphics.Color)	4290884310 (0xFFC1B2D6)
YUV	186.5890, 13.5136, 5.6224
Hunter-Lab	69.3060, 7.6206, -11.5848

Details

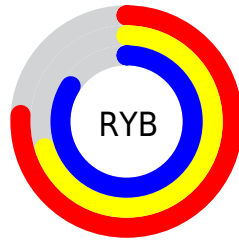
The RYB color **193, 178, 214** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **178, 214, 193**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **250, 234, 255**, and **139, 125, 159** is the 20% darker color. If you saturate the color by 10%, you get **181, 157, 214**, and if you desaturate by 10%, it is **205, 199, 214**.

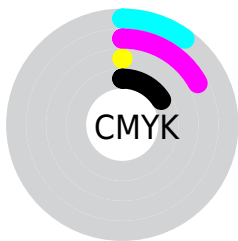
Distribution



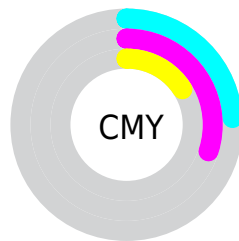
- Red (76%)
- Green (70%)
- Blue (84%)



- Red (76%)
- Yellow (70%)
- Blue (84%)



- Cyan (10%)
- Magenta (17%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 193, 178, 214 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 193, 178, 214 by changing the saturation by 10% instead.

 193, 178, 214


255, 255, 255

 250, 234, 255


 193, 178, 214

 166, 151, 186

 139, 125, 159

 114, 100, 133

 89, 76, 108

 65, 54, 83

 43, 32, 60


 23, 10, 38

 0, 1, 17

 0, 0, 0

 193, 178, 214

 193, 178, 214

 181, 157, 214


 205, 199, 214

 168, 135, 214


 214, 221, 217

 156, 114, 214


 214, 242, 226

 143, 92, 214


 214, 255, 226

 131, 71, 214

 214, 255, 214

 118, 50, 214

 106, 28, 214

 93, 7, 214

 89, 0, 214

Harmonies

Analogous

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



169, 181, 221



193, 178, 214



212, 173, 199

Triad

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



193, 178, 214



211, 202, 150



137, 168, 195

Complementary

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



193, 178, 214



178, 214, 193

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.



153, 182, 194



193, 178, 214



160, 194, 147

Square

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



193, 178, 214



222, 175, 163



154, 190, 171



134, 167, 206

Rectangle

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



193, 178, 214



220, 171, 187



154, 190, 171



141, 172, 195

Sweetspot

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



193, 178, 214



248, 242, 255



178, 191, 214



123, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



193, 178, 214



225, 204, 255



211, 178, 214



101, 96, 107



71, 0, 171



18, 0, 43

Inverse Universe

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



214, 178, 199



255, 204, 234



178, 214, 211



107, 96, 103



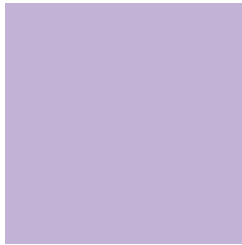
171, 0, 100



43, 0, 25

Previews

White Background



This preview shows how the RYB color 193, 178, 214 looks on a white background.

Color Contrast Check

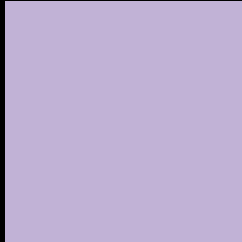
Large Text (above 18pt) WCAG AA × Fail

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 193, 178, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

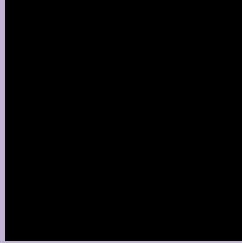
Any Text WCAG AA ✓ Pass

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 193, 178, 214 Background



This preview shows how black text looks on a background with the RYB color 193, 178, 214.



This preview shows how white text looks on a background with the RYB color 193, 178, 214.

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
193, 178, 214

Protanopia
177, 182, 217

Deuteranopia
188, 180, 214



Tritanopia
190, 181, 195

Trichromacy



Original Color
193, 178, 214

Protanomaly
183, 181, 216

Deuteranomaly
190, 179, 214

Tritanomaly
191, 180, 202

Monochromacy



Original Color
193, 178, 214

Achromatopsia
187, 187, 187

Achromatomaly
189, 184, 197

CSS Examples

Text

The CSS property to change the color of the text to RYB 193, 178, 214 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(193, 178, 214)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 214)  
}
```

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(193, 178, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 214) }
```

Border

The CSS property to change the border of an element to RYB 193, 178, 214 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(193, 178, 214) }
```

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

```
.border{ border-color:rgb(193, 178, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 214);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 193, 178, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 214) }
```

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

```
.background{ background-color: rgb(193,  
178, 214) }
```

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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