

Converting Colors

`RYB(200, 179, 214)`

Have a look what the booklet for
RYB(200, 179, 214) contains.

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Color

R_YB(200, 179, 214)

Conversions

Conversions Part 1

Format	Color
Hex	C8B3D6
RGB	200, 179, 214
RGB Percent	78%, 70%, 84%
CMY	0.2157, 0.2980, 0.1608
CMYK	0.07, 0.16, 0.00, 0.16
HSL	276°, 30%, 77%
HSV	276°, 16%, 84%
XYZ	52.0771, 49.3746, 70.4038
YIQ	189.2690, 1.2810, 15.3370

Conversions

Conversions Part 2

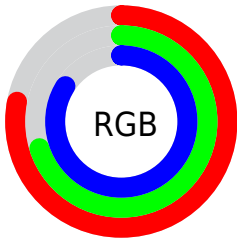
Format	Color
R _Y B	200, 179, 214
Decimal	13153238
CIE Lab	75.68, 13.95, -14.87
CIE LCh	76, 20.391, 313.176
Yxy	49.3746, 0.3030, 0.2873
Android (android.graphics.Color)	4291343318 (0xFFC8B3D6)
YUV	189.2690, 12.1924, 9.4111
Hunter-Lab	70.2671, 9.3246, -10.2185

Details

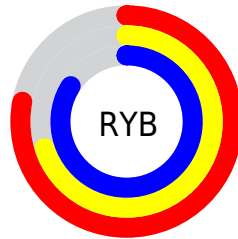
The RYB color `200, 179, 214` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `179, 214, 200`, and the grayscale version is `189, 189, 189`.

A 20% lighter version of the original color is `255, 235, 255`, and `146, 126, 159` is the 20% darker color. If you saturate the color by 10%, you get `191, 158, 214`, and if you desaturate by 10%, it is `209, 200, 214`.

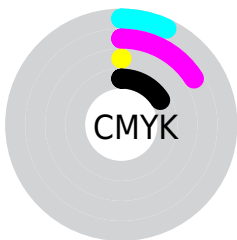
Distribution



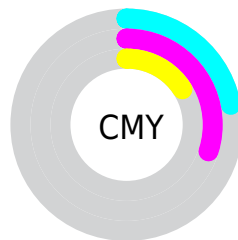
- Red (78%)
- Green (70%)
- Blue (84%)



- Red (78%)
- Yellow (70%)
- Blue (84%)



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



- Cyan (22%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 179, 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 200, 179, 214 by changing the saturation by 10% instead.

 200, 179, 214


255, 255, 255

 255, 235, 255


 200, 179, 214

 173, 152, 186

 146, 126, 159

 120, 101, 133

 95, 77, 108

 71, 54, 83

 48, 33, 60

 27, 11, 38

 0, 1, 17

 0, 0, 0

■ 200, 179, 214

■ 200, 179, 214

■ 191, 158, 214

■ 209, 200, 214

■ 183, 136, 214

■ 214, 222, 219

■ 174, 115, 214

■ 214, 243, 231

■ 166, 93, 214

■ 214, 255, 235

■ 157, 72, 214

■ 214, 255, 226

■ 149, 51, 214

■ 214, 255, 218

■ 140, 29, 214

■ 214, 255, 214

■ 132, 8, 214

■ 128, 0, 214

Harmonies

Analogous

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



176, 184, 223



200, 179, 214



218, 174, 198

Triad

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



200, 179, 214



207, 211, 151



137, 168, 197

Complementary

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



200, 179, 214



179, 214, 200

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.



151, 181, 197



200, 179, 214



154, 192, 150

Square

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



200, 179, 214



223, 180, 162



159, 193, 181



137, 170, 212

Rectangle

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



200, 179, 214



224, 173, 185



159, 193, 181



141, 171, 197

Sweetspot

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



200, 179, 214



250, 242, 255



179, 189, 214



124, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 179, 214



235, 204, 255



214, 179, 211



103, 96, 107



103, 0, 171



26, 0, 43

Inverse Universe

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



214, 179, 193



255, 204, 224



179, 211, 214



107, 96, 101



171, 0, 68



43, 0, 17

Previews

White Background



This preview shows how the RYB color 200, 179, 214 looks on a white background.

Color Contrast Check

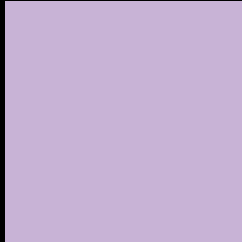
Large Text (above 18pt) WCAG AA × Fail

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 200, 179, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

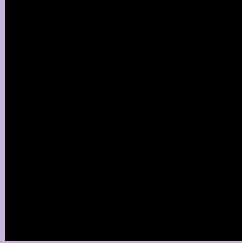
Any Text WCAG AA ✓ Pass

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 200, 179, 214 Background



This preview shows how black text looks on a background with the RYB color 200, 179, 214.



This preview shows how white text looks on a background with the RYB color 200, 179, 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
200, 179, 214

Protanopia
180, 184, 218

Deuteranopia
192, 182, 213



Tritanopia

197, 182, 196

Trichromacy



Original Color

200, 179, 214

Protanomaly

187, 183, 217

Deuteranomaly

195, 181, 213

Tritanomaly

198, 181, 203

Monochromacy



Original Color

200, 179, 214

Achromatopsia

189, 189, 189

Achromatomaly

193, 185, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 179, 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(200, 179, 214) looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 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(200, 179, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 214) }
```

Border

The CSS property to change the border of an element to RYB 200, 179, 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(200, 179, 214) }
```

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

```
.border{ border-color:rgb(200, 179, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 214);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 200, 179, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 214) }
```

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

```
.background{ background-color: rgb(200,  
179, 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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