

Converting Colors

`RYB(200, 184, 211)`

Have a look what the booklet for
RYB(200, 184, 211) contains.

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Color

R_YB(200, 184, 211)

Conversions

Conversions Part 1

Format	Color
Hex	C8B8D3
RGB	200, 184, 211
RGB Percent	78%, 72%, 83%
CMY	0.2157, 0.2784, 0.1725
CMYK	0.05, 0.13, 0.00, 0.17
HSL	276°, 23%, 77%
HSV	276°, 13%, 83%
XYZ	52.7178, 51.2635, 68.7443
YIQ	191.8620, 0.8690, 11.7890

Conversions

Conversions Part 2

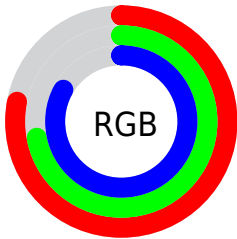
Format	Color
R_{YB}	200, 184, 211
Decimal	13154515
CIE _{Lab}	76.84, 10.65, -11.51
CIE _{LCh}	77, 15.679, 312.769
Yxy	51.2635, 0.3052, 0.2968
Android (android.graphics.Color)	4291344595 (0xFFC8B8D3)
YUV	191.8620, 9.4350, 7.1370
Hunter-Lab	71.5985, 6.1316, -6.8075

Details

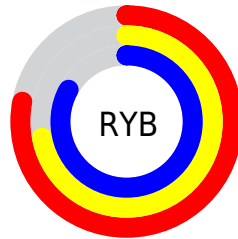
The RYB color **200, 184, 211** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **184, 211, 200**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 240, 255**, and **146, 131, 156** is the 20% darker color. If you saturate the color by 10%, you get **191, 163, 211**, and if you desaturate by 10%, it is **209, 205, 211**.

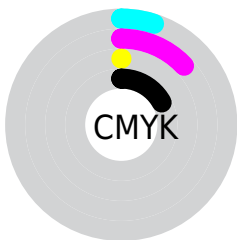
Distribution



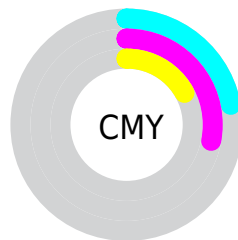
- Red (78%)
- Green (72%)
- Blue (83%)



- Red (78%)
- Yellow (72%)
- Blue (83%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (28%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 184, 211 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, 184, 211 by changing the saturation by 10% instead.

 200, 184, 211


255, 255, 255

 255, 240, 255


 200, 184, 211

 173, 157, 183

 146, 131, 156

 120, 106, 130

 95, 82, 105


 71, 59, 81


 49, 37, 58


 28, 16, 36

 0, 1, 14

 0, 0, 0


 200, 184, 211

 200, 184, 211


 191, 163, 211


 209, 205, 211


 183, 142, 211

 211, 226, 220


 174, 121, 211


 211, 247, 232


 166, 100, 211


 211, 255, 232


 157, 79, 211


 211, 255, 223

 148, 57, 211

 211, 255, 214

 140, 36, 211

 211, 255, 211

 131, 15, 211

 125, 0, 211

Harmonies

Analogous

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



182, 188, 218



200, 184, 211



214, 181, 199

Triad

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



200, 184, 211



207, 209, 162



153, 176, 198

Complementary

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



200, 184, 211



184, 211, 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.



163, 186, 198



200, 184, 211



166, 195, 161

Square

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



200, 184, 211



219, 185, 171



168, 195, 185



154, 178, 209

Rectangle

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



200, 184, 211



219, 180, 189



168, 195, 185



156, 179, 198

Sweetspot

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



200, 184, 211



251, 245, 255



184, 192, 211



125, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



200, 184, 211



239, 217, 255



211, 184, 209



100, 94, 105



100, 0, 168



24, 0, 41

Inverse Universe

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



211, 184, 195



255, 217, 232



184, 209, 211



105, 94, 98



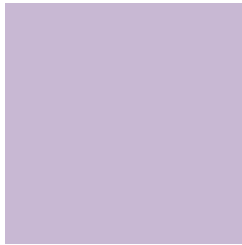
168, 0, 69



41, 0, 17

Previews

White Background



This preview shows how the RYB color 200, 184, 211 looks on a white background.

Color Contrast Check

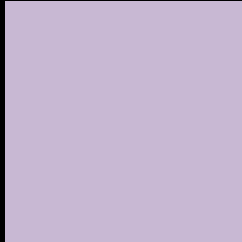
Large Text (above 18pt) WCAG AA × Fail

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, 184, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

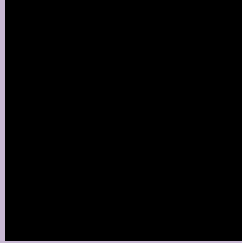
Any Text WCAG AA ✓ Pass

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, 184, 211 Background



This preview shows how black text looks on a background with the RYB color 200, 184, 211.



This preview shows how white text looks on a background with the RYB color 200, 184, 211.

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, 184, 211

Protanopia
186, 188, 214

Deuteranopia
198, 185, 211



Tritanopia
198, 186, 200

Trichromacy



Original Color

200, 184, 211

Protanomaly

191, 187, 213

Deuteranomaly

199, 185, 211

Tritanomaly

199, 185, 204

Monochromacy



Original Color

200, 184, 211

Achromatopsia

192, 192, 192

Achromatomaly

195, 189, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 184, 211 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, 184, 211) looks like.

```
.text, #text, p{  
    color:rgb(200, 184, 211)  
}
```

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, 184, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 184, 211) }
```

Border

The CSS property to change the border of an element to RYB 200, 184, 211 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, 184, 211) }
```

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

```
.border{ border-color:rgb(200, 184, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 184, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 184, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 184, 211);  
box-shadow:4px 4px 4px 4px rgb(200, 184,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 200, 184, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 184, 211) }
```

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

```
.background{ background-color: rgb(200,  
184, 211) }
```

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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