

Converting Colors

`RYB(204, 191, 217)`

Have a look what the booklet for RYB(204, 191, 217) contains.

RYB(204, 191, 217)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(204, 191, 217)

Conversions

Conversions Part 1

Format	Color
Hex	CCBFD9
RGB	204, 191, 217
RGB Percent	80%, 75%, 85%
CMY	0.2000, 0.2510, 0.1490
CMYK	0.06, 0.12, 0.00, 0.15
HSL	270°, 25%, 80%
HSV	270°, 12%, 85%
XYZ	56.0570, 55.1087, 73.3282
YIQ	197.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

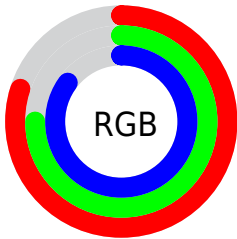
Format	Color
R_{YB}	204, 191, 217
Decimal	13418457
CIE _{Lab}	79.10, 9.38, -11.34
CIE _{LCh}	79, 14.712, 309.603
Yxy	55.1087, 0.3038, 0.2987
Android (android.graphics.Color)	4291608537 (0xFFCCBFD9)
YUV	197.8510, 9.4405, 5.3927
Hunter-Lab	74.2353, 4.8784, -6.6009

Details

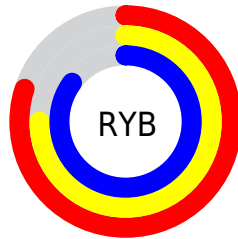
The RYB color **204, 191, 217** is a light color, and the websafe version is hex **C4CCFF**. A complement of this color would be **191, 217, 204**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **255, 247, 255**, and **150, 138, 162** is the 20% darker color. If you saturate the color by 10%, you get **193, 169, 217**, and if you desaturate by 10%, it is **215, 213, 217**.

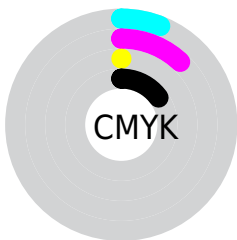
Distribution



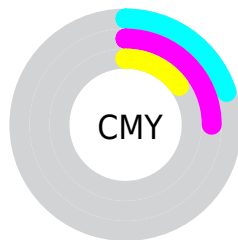
- Red (80%)
- Green (75%)
- Blue (85%)



- Red (80%)
- Yellow (75%)
- Blue (85%)



- Cyan (6%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 191, 217 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 204, 191, 217 by changing the saturation by 10% instead.


 204, 191, 217


255, 255, 255

 255, 247, 255

 204, 191, 217

 177, 164, 189


 150, 138, 162

 124, 112, 136

 99, 88, 111

 75, 64, 86

 52, 42, 63

 31, 22, 41

 3, 0, 21

 0, 0, 0

■ 204, 191, 217

■ 204, 191, 217

■ 193, 169, 217

■ 215, 213, 217

■ 182, 148, 217

■ 217, 234, 225

■ 171, 126, 217

■ 217, 255, 235

■ 161, 104, 217

■ 217, 255, 225

■ 150, 82, 217

■ 217, 255, 217

■ 139, 61, 217

■ 128, 39, 217

■ 117, 17, 217

■ 109, 0, 217

Harmonies

Analogous

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



187, 194, 223



204, 191, 217



218, 188, 206

Triad

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



204, 191, 217



216, 210, 171



162, 184, 204

Complementary

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



204, 191, 217



191, 217, 204

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.



172, 193, 203



204, 191, 217



176, 202, 169

Square

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



204, 191, 217



224, 190, 179



175, 200, 188



162, 185, 213

Rectangle

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



204, 191, 217



223, 187, 197



175, 200, 188



165, 187, 204

Sweetspot

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



204, 191, 217



250, 245, 255



191, 200, 217



124, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 191, 217



237, 219, 255



217, 191, 217



104, 99, 110



87, 0, 173



23, 0, 46

Inverse Universe

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



217, 191, 204



255, 219, 237



191, 217, 217



110, 99, 104



173, 0, 87



46, 0, 23

Previews

White Background



This preview shows how the RYB color 204, 191, 217 looks on a white background.

Color Contrast Check

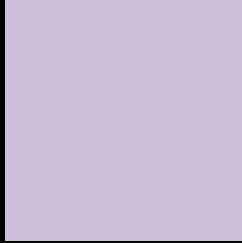
Large Text (above 18pt) WCAG AA × Fail

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 204, 191, 217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

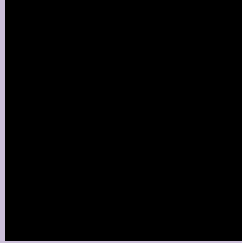
Any Text WCAG AA ✓ Pass

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 204, 191, 217 Background



This preview shows how black text looks on a background with the RYB color 204, 191, 217.



This preview shows how white text looks on a background with the RYB color 204, 191, 217.

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
[204](#), [191](#), [217](#)

Protanopia
[192](#), [194](#), [219](#)

Deuteranopia
[205](#), [191](#), [217](#)



Tritanopia
203, 193, 208

Trichromacy



Original Color

204, 191, 217

Protanomaly

196, 193, 218

Deuteranomaly

205, 191, 217

Tritanomaly

203, 192, 211

Monochromacy



Original Color

204, 191, 217

Achromatopsia

198, 198, 198

Achromatomaly

200, 195, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 191, 217 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(204, 191, 217) looks like.

```
.text, #text, p{  
    color:rgb(204, 191, 217)  
}
```

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(204, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 191, 217) }
```

Border

The CSS property to change the border of an element to RYB 204, 191, 217 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(204, 191, 217) }
```

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

```
.border{ border-color:rgb(204, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(204, 191,  
217) }
```

Background

The CSS property to change the background color of an element to RYB 204, 191, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 191, 217) }
```

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

```
.background{ background-color: rgb(204,  
191, 217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor