

Converting Colors

`RYB(204, 201, 255)`

Have a look what the booklet for
RYB(204, 201, 255) contains.

RYB(204, 201, 255)	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, 201, 255)

Conversions

Conversions Part 1

Format	Color
Hex	CCC9FF
RGB	204, 201, 255
RGB Percent	80%, 79%, 100%
CMY	0.2000, 0.2118, 0.0000
CMYK	0.20, 0.21, 0.00, 0.00
HSL	243°, 100%, 89%
HSV	243°, 21%, 100%
XYZ	63.8385, 61.8307, 103.1776
YIQ	208.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

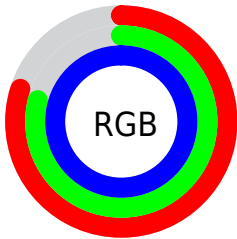
Format	Color
R_{YB}	204, 201, 255
Decimal	13421055
CIE _{Lab}	82.82, 11.91, -26.06
CIE _{LCh}	83, 28.653, 294.569
Yxy	61.8307, 0.2790, 0.2702
Android (android.graphics.Color)	4291611135 (0xFFCCC9FF)
YUV	208.0530, 23.1449, -3.5545
Hunter-Lab	78.6325, 7.3100, -22.7546

Details

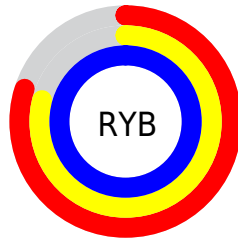
The RYB color **204, 201, 255** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **201, 255, 204**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **255, 255, 255**, and **149, 147, 198** is the 20% darker color. If you saturate the color by 10%, you get **180, 176, 255**, and if you desaturate by 10%, it is **228, 227, 255**.

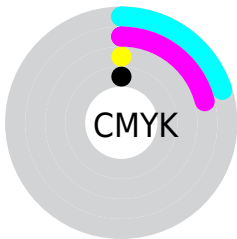
Distribution



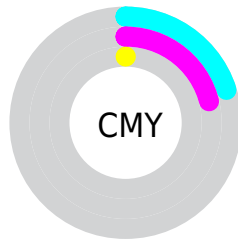
- Red (80%)
- Green (79%)
- Blue (100%)



- Red (80%)
- Yellow (79%)
- Blue (100%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 201, 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 204, 201, 255 by changing the saturation by 10% instead.

■ 204, 201, 255

255, 255, 255

■ 204, 201, 255

■ 176, 174, 226

■ 149, 147, 198

■ 123, 121, 171

■ 97, 97, 144

■ 72, 73, 118

■ 48, 50, 93


■ 24, 29, 70

■ 2, 4, 47


■ 0, 1, 26

 204, 201, 255


 204, 201, 255

 180, 176, 255


 228, 227, 255

 156, 150, 255

 252, 252, 255

 132, 124, 255


255, 255, 255

 108, 99, 255

 84, 73, 255

 60, 48, 255

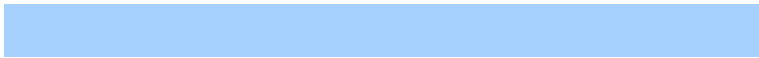
 35, 22, 255

 14, 0, 255

Harmonies

Analogous

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



166, 195, 255



204, 201, 255



236, 192, 238

Triad

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



204, 201, 255



252, 211, 163



143, 188, 221

Complementary

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



204, 201, 255



201, 255, 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, 216, 218



204, 201, 255



197, 231, 153

Square

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



204, 201, 255



255, 188, 185



157, 211, 165



128, 176, 228

Rectangle

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



204, 201, 255



251, 188, 221



157, 211, 165



152, 195, 220

Sweetspot

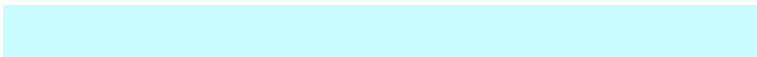
The Sweet Spot groups the original color and five complimentary colors.



204, 201, 255



241, 240, 255



201, 227, 255



119, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



204, 201, 255



195, 191, 255



231, 201, 255



115, 115, 128



11, 0, 191



4, 0, 64

Inverse Universe

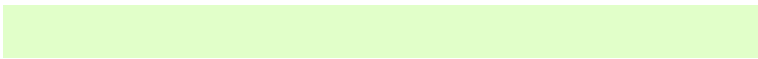
The Inverse Universe completely reimagines the original color for something new.



255, 201, 252



255, 191, 251



201, 255, 231



128, 115, 127



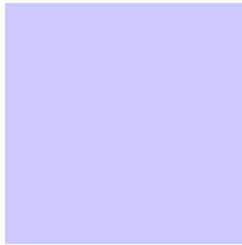
191, 0, 181



64, 0, 60

Previews

White Background



This preview shows how the RYB color 204, 201, 255 looks on a white background.

Color Contrast Check

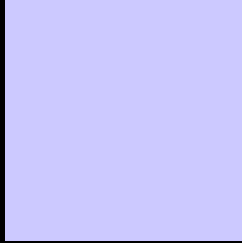
Large Text (above 18pt) WCAG AA × Fail

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 204, 201, 255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

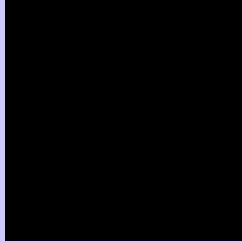
Any Text WCAG AA ✓ Pass

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 204, 201, 255 Background



This preview shows how black text looks on a background with the RYB color 204, 201, 255.

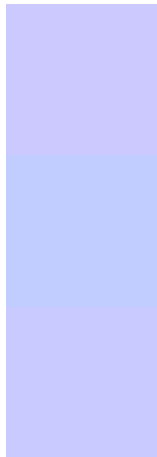


This preview shows how white text looks on a background with the RYB color 204, 201, 255.

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
204, 201, 255

Protanopia
194, 203, 255

Deuteranopia
201, 202, 255



Tritanopia
198, 205, 223

Trichromacy



Original Color
204, 201, 255

Protanomaly
198, 203, 255

Deuteranomaly
202, 202, 255

Tritanomaly
200, 204, 235

Monochromacy



Original Color
204, 201, 255

Achromatopsia
208, 208, 208

Achromatomaly
207, 205, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 201, 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(204, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 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(204, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 255) }
```

Border

The CSS property to change the border of an element to RYB 204, 201, 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(204, 201, 255) }
```

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

```
.border{ border-color:rgb(204, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 204, 201, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 255) }
```

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

```
.background{ background-color: rgb(204,  
201, 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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