

Converting Colors

`RYB(196, 184, 221)`

Have a look what the booklet for RYB(196, 184, 221) contains.

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Color

R_YB(196, 184, 221)

Conversions

Conversions Part 1

Format	Color
Hex	C4B8DD
RGB	196, 184, 221
RGB Percent	77%, 72%, 87%
CMY	0.2314, 0.2784, 0.1333
CMYK	0.11, 0.17, 0.00, 0.13
HSL	259°, 35%, 79%
HSV	259°, 17%, 87%
XYZ	52.9566, 51.2372, 75.5053
YIQ	191.8060, -4.7250, 14.0510

Conversions

Conversions Part 2

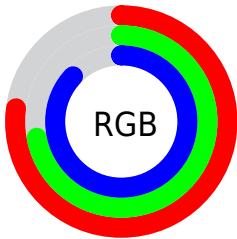
Format	Color
RYB	196, 184, 221
Decimal	12892381
CIELab	76.82, 11.33, -16.99
CIElCh	77, 20.421, 303.713
Yxy	51.2372, 0.2947, 0.2851
Android (android.graphics.Color)	4291082461 (0xFFC4B8DD)
YUV	191.8060, 14.3926, 3.6781
Hunter-Lab	71.5802, 6.7929, -12.4351

Details

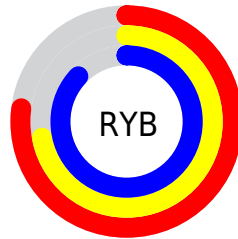
The RYB color **196, 184, 221** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **184, 221, 196**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **253, 240, 255**, and **142, 131, 166** is the 20% darker color. If you saturate the color by 10%, you get **181, 162, 221**, and if you desaturate by 10%, it is **211, 206, 221**.

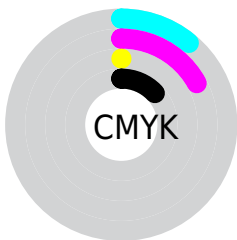
Distribution



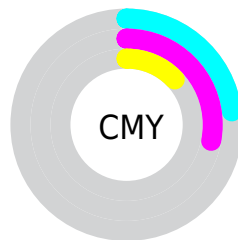
- Red (77%)
- Green (72%)
- Blue (87%)



- Red (77%)
- Yellow (72%)
- Blue (87%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 184, 221 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 196, 184, 221 by changing the saturation by 10% instead.


 196, 184, 221


255, 255, 255


 253, 240, 255

 196, 184, 221

 169, 157, 193


 142, 131, 166

 116, 106, 139

 91, 82, 114

 68, 59, 89

 45, 37, 66

 23, 17, 44

 0, 1, 23

 0, 0, 0

■ 196, 184, 221

■ 196, 184, 221

■ 181, 162, 221

■ 211, 206, 221

■ 166, 140, 221

■ 221, 228, 223

■ 151, 118, 221

■ 221, 250, 230

■ 136, 96, 221

■ 221, 255, 221

■ 121, 74, 221

■ 106, 51, 221

■ 91, 29, 221

■ 77, 7, 221

■ 72, 0, 221

Harmonies

Analogous

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



171, 185, 227



196, 184, 221



216, 179, 207

Triad

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



196, 184, 221



219, 203, 156



143, 175, 201

Complementary

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



196, 184, 221



184, 221, 196

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.



160, 190, 199



196, 184, 221



170, 202, 152

Square

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



196, 184, 221



228, 180, 169



158, 195, 172



139, 172, 210

Rectangle

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



196, 184, 221



225, 177, 194



158, 195, 172



148, 178, 200

Sweetspot

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



196, 184, 221



246, 242, 255



184, 199, 221



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



196, 184, 221



221, 204, 255



214, 184, 221



102, 99, 110



56, 0, 173



15, 0, 46

Inverse Universe

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



221, 184, 209



255, 204, 238



184, 221, 214



110, 99, 106



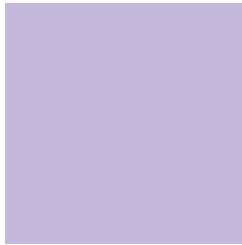
173, 0, 117



46, 0, 31

Previews

White Background



This preview shows how the RYB color 196, 184, 221 looks on a white background.

Color Contrast Check

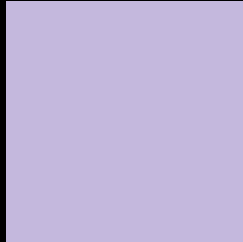
Large Text (above 18pt) WCAG AA × Fail

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 196, 184, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

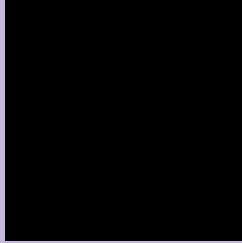
Any Text WCAG AA ✓ Pass

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 196, 184, 221 Background



This preview shows how black text looks on a background with the RYB color 196, 184, 221.



This preview shows how white text looks on a background with the RYB color 196, 184, 221.

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
196, 184, 221

Protanopia
183, 187, 224

Deuteranopia
193, 185, 221



Tritanopia
193, 187, 202

Trichromacy



Original Color
196, 184, 221

Protanomaly
188, 187, 223

Deuteranomaly
194, 185, 221

Tritanomaly
194, 186, 209

Monochromacy



Original Color
196, 184, 221

Achromatopsia
192, 192, 192

Achromatomaly
193, 189, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 184, 221 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(196, 184, 221)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 221)  
}
```

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(196, 184, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 221) }
```

Border

The CSS property to change the border of an element to RYB 196, 184, 221 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(196, 184, 221) }
```

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

```
.border{ border-color:rgb(196, 184, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 184, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 184, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 184, 221);  
box-shadow:4px 4px 4px 4px rgb(196, 184,  
221) }
```

Background

The CSS property to change the background color of an element to RYB 196, 184, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 221) }
```

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

```
.background{ background-color: rgb(196,  
184, 221) }
```

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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