

Converting Colors

`RYB(184, 175, 213)`

Have a look what the booklet for
RYB(184, 175, 213) contains.

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Color

RYP(184, 175, 213)

Conversions

Conversions Part 1	
Format	Color
Hex	B8AFD5
RGB	184, 175, 213
RGB Percent	72%, 69%, 84%
CMY	0.2784, 0.3137, 0.1647
CMYK	0.14, 0.18, 0.00, 0.16
HSL	254°, 31%, 76%
HSV	254°, 18%, 84%
XYZ	47.1074, 45.6544, 69.2801
YIQ	182.0230, -6.8340, 13.7260

Conversions

Conversions Part 2

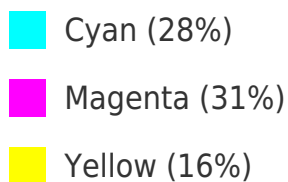
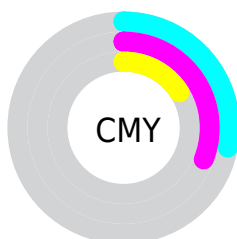
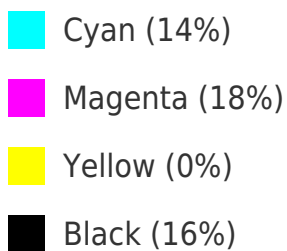
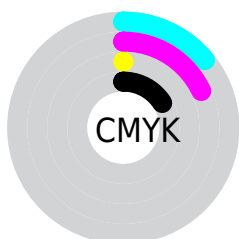
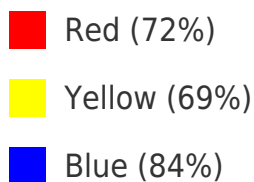
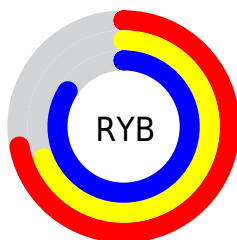
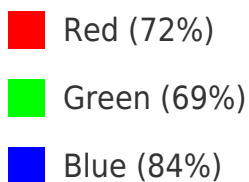
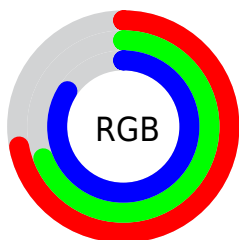
Format	Color
RYB	184, 175, 213
Decimal	12103637
CIELab	73.32, 10.69, -18.02
CIELCh	73, 20.949, 300.668
Yxy	45.6544, 0.2907, 0.2817
Android (android.graphics.Color)	4290293717 (0xFFB8AFD5)
YUV	182.0230, 15.2717, 1.7338
Hunter-Lab	67.5680, 6.2034, -13.4947

Details

The RYB color **184, 175, 213** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **175, 213, 184**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **240, 231, 255**, and **131, 123, 158** is the 20% darker color. If you saturate the color by 10%, you get **168, 154, 213**, and if you desaturate by 10%, it is **200, 196, 213**.


Distribution



Brightness & Saturation Gradients


These gradients show how the RYB color 184, 175, 213 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 184, 175, 213 by changing the saturation by 10% instead.

 184, 175, 213

255, 255, 255

 240, 231, 255

 184, 175, 213


 157, 148, 185


 131, 123, 158


 105, 98, 132

 81, 74, 107


 57, 51, 83


 35, 30, 59

 15, 6, 38


 0, 1, 15


 0, 0, 0

 184, 175, 213

 184, 175, 213

 168, 154, 213

 200, 196, 213

 151, 132, 213


 213, 218, 214

 135, 111, 213

 213, 239, 219

 119, 90, 213

 213, 255, 219


 103, 69, 213

 213, 255, 213

 86, 47, 213

 70, 26, 213

 54, 5, 213

 50, 0, 213

Harmonies

Analogous

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



158, 175, 218



184, 175, 213



205, 169, 199

Triad

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



184, 175, 213



211, 191, 147



134, 166, 191

Complementary

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



184, 175, 213



175, 213, 184

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.



152, 182, 189



184, 175, 213



163, 194, 142

Square

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



184, 175, 213



219, 169, 161



147, 185, 159



127, 161, 199

Rectangle

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



184, 175, 213



215, 167, 187



147, 185, 159



139, 170, 191

Sweetspot

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



184, 175, 213



245, 242, 255



175, 191, 213



122, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 175, 213



214, 201, 255



203, 175, 213



99, 96, 107



40, 0, 171



10, 0, 43

Inverse Universe

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



213, 175, 204



255, 201, 242



175, 213, 203



107, 96, 105



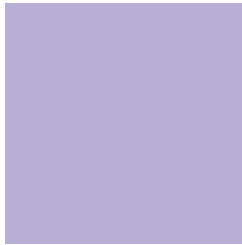
171, 0, 130



43, 0, 33

Previews

White Background



This preview shows how the RYB color 184, 175, 213 looks on a white background.

Color Contrast Check

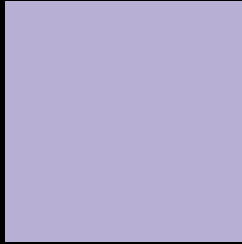
Large Text (above 18pt) WCAG AA × Fail

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 184, 175, 213 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 184, 175, 213 Background



This preview shows how black text looks on a background with the RYB color 184, 175, 213.



This preview shows how white text looks on a background with the RYB color 184, 175, 213.

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

184, 175, 213

Protanopia

172, 177, 215

Deuteranopia

182, 176, 213



Tritanopia

181, 179, 193

Trichromacy



Original Color
184, 175, 213

Protanomaly
176, 177, 214

Deuteranomaly
183, 176, 213

Tritanomaly
182, 178, 200

Monochromacy



Original Color
184, 175, 213

Achromatopsia
182, 182, 182

Achromatomaly
183, 179, 193

CSS Examples

Text

The CSS property to change the color of the text to RGB 184, 175, 213 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(184, 175, 213) looks like.

```
.text, #text, p{  
    color:rgb(184, 175, 213)  
}
```

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(184, 175, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 175, 213) }
```

Border

The CSS property to change the border of an element to RYB 184, 175, 213 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(184, 175, 213) }
```

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

```
.border{ border-color:rgb(184, 175, 213) }
```

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

Here you see how a box with a 4 pixel rgb(184, 175, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 175, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 175, 213);  
box-shadow:4px 4px 4px 4px rgb(184, 175,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 184, 175, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 175, 213) }
```

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

```
.background{ background-color: rgb(184,  
175, 213) }
```

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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