

Converting Colors

`RYB(184, 159, 209)`

Have a look what the booklet for
RYB(184, 159, 209) contains.

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Color

R_YB(184, 159, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B89FD1
RGB	184, 159, 209
RGB Percent	72%, 62%, 82%
CMY	0.2784, 0.3765, 0.1804
CMYK	0.12, 0.24, 0.00, 0.18
HSL	270°, 35%, 72%
HSV	270°, 24%, 82%
XYZ	43.6739, 39.5901, 65.6614
YIQ	172.1750, -1.1500, 20.8500

Conversions

Conversions Part 2

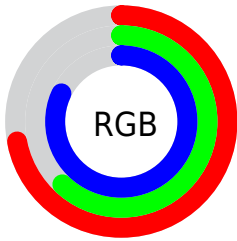
Format	Color
RYB	184, 159, 209
Decimal	12099537
CIELab	69.18, 18.69, -22.12
CIELCh	69, 28.956, 310.204
Yxy	39.5901, 0.2933, 0.2658
Android (android.graphics.Color)	4290289617 (0xFFB89FD1)
YUV	172.1750, 18.1547, 10.3705
Hunter-Lab	62.9206, 13.7877, -17.8281

Details

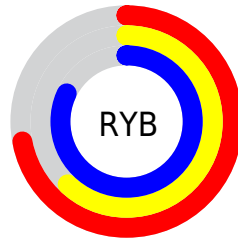
The RYB color **184, 159, 209** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **159, 209, 184**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **240, 214, 255**, and **130, 107, 154** is the 20% darker color. If you saturate the color by 10%, you get **174, 138, 209**, and if you desaturate by 10%, it is **194, 180, 209**.

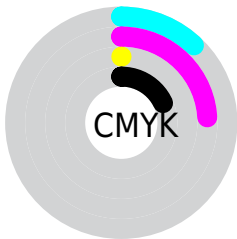
Distribution



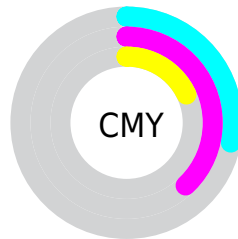
- Red (72%)
- Green (62%)
- Blue (82%)



- Red (72%)
- Yellow (62%)
- Blue (82%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (18%)




- Cyan (28%)
- Magenta (38%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 159, 209 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, 159, 209 by changing the saturation by 10% instead.


 184, 159, 209

 184, 159, 209

255, 255, 255

 157, 133, 181

 240, 214, 255

 130, 107, 154

 255, 242, 255

 105, 83, 128

 80, 60, 103

 57, 38, 79

 34, 17, 56

 14, 0, 34

 0, 0, 8

 0, 0, 0

■ 184, 159, 209

■ 184, 159, 209

■ 174, 138, 209

■ 194, 180, 209

■ 163, 117, 209

■ 205, 201, 209

■ 153, 96, 209

■ 209, 222, 216

■ 142, 75, 209

■ 209, 243, 226

■ 132, 54, 209

■ 209, 255, 228

■ 121, 34, 209

■ 209, 255, 217

■ 111, 13, 209

■ 209, 255, 209

■ 105, 0, 209

Harmonies

Analogous

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



148, 164, 220



184, 159, 209



210, 152, 187

Triad

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



184, 159, 209



203, 201, 120



93, 140, 183

Complementary

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



184, 159, 209



159, 209, 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.



119, 161, 182



184, 159, 209



126, 178, 117

Square

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



184, 159, 209



218, 157, 136



128, 177, 156



87, 139, 202

Rectangle

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



184, 159, 209



219, 149, 170



128, 177, 156



101, 146, 183

Sweetspot

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



184, 159, 209



246, 237, 255



159, 176, 209



122, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



184, 159, 209



218, 181, 255



209, 159, 209



99, 94, 105



84, 0, 168



20, 0, 41

Inverse Universe

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



209, 159, 184



255, 181, 218



159, 209, 209



105, 94, 99



168, 0, 84



41, 0, 20

Previews

White Background



This preview shows how the RYB color 184, 159, 209 looks on a white background.

Color Contrast Check

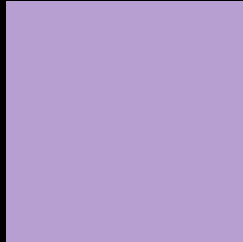
Large Text (above 18pt) WCAG AA × Fail

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, 159, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

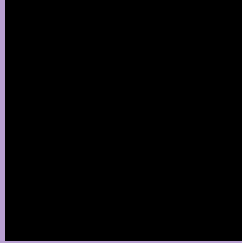
Any Text WCAG AA ✓ Pass

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, 159, 209 Background



This preview shows how black text looks on a background with the RYB color 184, 159, 209.



This preview shows how white text looks on a background with the RYB color 184, 159, 209.

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, 159, 209

Protanopia
157, 166, 215

Deuteranopia
166, 165, 208



Tritanopia
179, 165, 178

Trichromacy



Original Color
184, 159, 209

Protanomaly
167, 164, 213

Deuteranomaly
173, 163, 208

Tritanomaly
181, 163, 189

Monochromacy



Original Color
184, 159, 209

Achromatopsia
172, 172, 172

Achromatomaly
176, 167, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 159, 209 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, 159, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 159, 209)  
}
```

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, 159, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 159, 209) }
```

Border

The CSS property to change the border of an element to RYB 184, 159, 209 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, 159, 209) }
```

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

```
.border{ border-color:rgb(184, 159, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 159, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 159, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 159, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 159,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 184, 159, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 159, 209) }
```

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

```
.background{ background-color: rgb(184,  
159, 209) }
```

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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