

Converting Colors

`RYB(188, 167, 207)`

Have a look what the booklet for
RYB(188, 167, 207) contains.

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Color

R_YB(188, 167, 207)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BCA7CF |
| RGB | 188, 167, 207 |
| RGB Percent | 74%, 65%, 81% |
| CMY | 0.2627, 0.3451, 0.1882 |
| CMYK | 0.09, 0.19, 0.00, 0.19 |
| HSL | 272°, 29%, 73% |
| HSV | 272°, 19%, 81% |
| XYZ | 45.8202, 42.8338, 64.8842 |
| YIQ | 177.8390, -0.3240, 16.8920 |

Conversions

Conversions Part 2

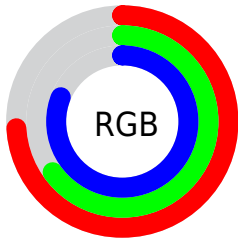
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 188, 167, 207 |
| Decimal | 12363727 |
| CIELab | 71.44, 15.15, -17.54 |
| CIELCh | 71, 23.175, 310.811 |
| Yxy | 42.8338, 0.2984, 0.2790 |
| Android (android.graphics.Color) | 4290553807 (0xFFBCA7CF) |
| YUV | 177.8390, 14.3764, 8.9112 |
| Hunter-Lab | 65.4475, 10.4358, -12.9664 |

Details

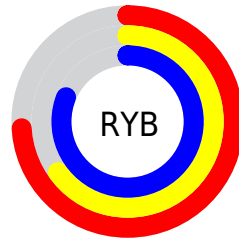
The RYB color **188, 167, 207** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **167, 207, 188**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **244, 222, 255**, and **134, 115, 153** is the 20% darker color. If you saturate the color by 10%, you get **178, 146, 207**, and if you desaturate by 10%, it is **198, 188, 207**.

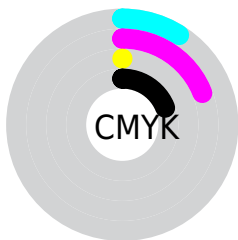
Distribution



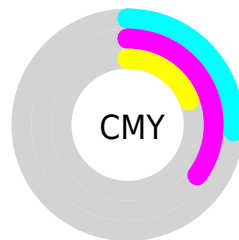
- Red (74%)
- Green (65%)
- Blue (81%)



- Red (74%)
- Yellow (65%)
- Blue (81%)



- Cyan (9%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 167, 207 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 188, 167, 207 by changing the saturation by 10% instead.


 188, 167, 207

255, 255, 255

 244, 222, 255

 255, 251, 255


 188, 167, 207


 161, 141, 179

 134, 115, 153

 109, 90, 127

 84, 67, 102

 61, 44, 77


 38, 24, 55

 20, 0, 33


 0, 0, 7

 0, 0, 0

 188, 167, 207

 188, 167, 207

 178, 146, 207

 198, 188, 207

 168, 126, 207


 207, 208, 207

 159, 105, 207

 207, 229, 219

 149, 84, 207

 207, 250, 230

 139, 64, 207

 207, 255, 225

 129, 43, 207

 207, 255, 215

 119, 22, 207

 207, 255, 207

 109, 1, 207

 109, 0, 207

Harmonies

Analogous

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



160, 171, 216



188, 167, 207



209, 161, 189

Triad

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



188, 167, 207



203, 201, 136



118, 154, 187

Complementary

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



188, 167, 207



167, 207, 188

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.



136, 170, 186



188, 167, 207



141, 183, 133

Square

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



188, 167, 207



216, 167, 148



143, 182, 166



116, 154, 202

Rectangle

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



188, 167, 207



216, 160, 175



143, 182, 166



123, 158, 187

Sweetspot

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



188, 167, 207



248, 240, 255



167, 180, 207



123, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



188, 167, 207



227, 196, 255



207, 167, 206



100, 94, 105



88, 0, 168



21, 0, 41

Inverse Universe

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



207, 167, 186



255, 196, 224



167, 206, 207



105, 94, 99



168, 0, 80



41, 0, 19

Previews

White Background



This preview shows how the RYB color 188, 167, 207 looks on a white background.

Color Contrast Check

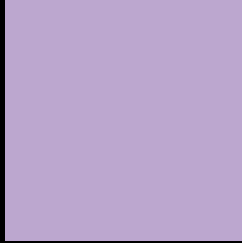
Large Text (above 18pt) WCAG AA × Fail

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 188, 167, 207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

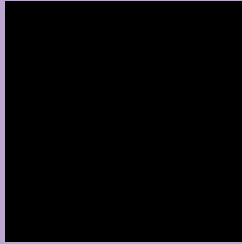
Any Text WCAG AA ✓ Pass

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 188, 167, 207 Background



This preview shows how black text looks on a background with the RYB color 188, 167, 207.



This preview shows how white text looks on a background with the RYB color 188, 167, 207.

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
188, 167, 207

Protanopia
167, 172, 211

Deuteranopia
177, 171, 206



Tritanopia
184, 171, 184

Trichromacy



Original Color
188, 167, 207

Protanomaly
175, 171, 210

Deuteranomaly
181, 170, 206

Tritanomaly
185, 170, 192

Monochromacy



Original Color
188, 167, 207

Achromatopsia
178, 178, 178

Achromatomaly
182, 174, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 167, 207 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(188, 167, 207) looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 207)  
}
```

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(188, 167, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 207) }
```

Border

The CSS property to change the border of an element to RYB 188, 167, 207 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(188, 167, 207) }
```

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

```
.border{ border-color:rgb(188, 167, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 207);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 188, 167, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 207) }
```

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

```
.background{ background-color: rgb(188,  
167, 207) }
```

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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