

Converting Colors

`RYB(183, 117, 134)`

Have a look what the booklet for
RYB(183, 117, 134) contains.

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Color

R_YB(183, 117, 134)

Conversions

Conversions Part 1

Format	Color
Hex	B77586
RGB	183, 117, 134
RGB Percent	72%, 46%, 53%
CMY	0.2824, 0.5412, 0.4745
CMYK	0.00, 0.36, 0.27, 0.28
HSL	345°, 31%, 59%
HSV	345°, 36%, 72%
XYZ	30.1928, 24.5111, 25.6940
YIQ	138.6720, 33.8790, 19.2790

Conversions

Conversions Part 2

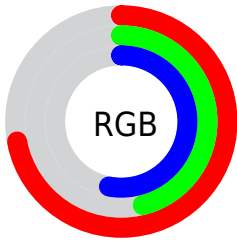
Format	Color
R_{YB}	183, 117, 134
Decimal	12023174
CIE _{Lab}	56.60, 28.25, 1.57
CIE _{LCh}	57, 28.291, 3.190
Yxy	24.5111, 0.3755, 0.3049
Android (android.graphics.Color)	4290213254 (0xFFB77586)
YUV	138.6720, -2.3033, 38.8757
Hunter-Lab	49.5087, 22.2178, 3.8857

Details

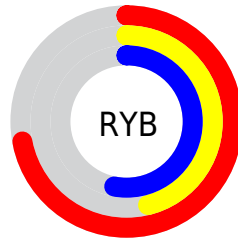
The RYB color **183, 117, 134** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **117, 155, 183**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **240, 170, 187**, and **128, 67, 85** is the 20% darker color. If you saturate the color by 10%, you get **183, 99, 120**, and if you desaturate by 10%, it is **183, 135, 148**.

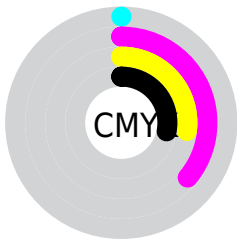
Distribution



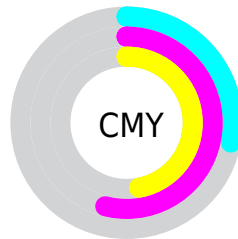
- Red (72%)
- Green (46%)
- Blue (53%)



- Red (72%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (36%)
- Yellow (27%)
- Black (28%)



- Cyan (28%)
- Magenta (54%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the RYB color 183, 117, 134 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 183, 117, 134 by changing the saturation by 10% instead.

 183, 117, 134

255, 255, 255

 240, 170, 187

 255, 197, 215

 255, 226, 243

 183, 117, 134

 155, 92, 109

 128, 67, 85

 102, 44, 61

 76, 20, 40

 52, 0, 19

 27, 0, 1


 0, 0, 0

 183, 117, 134

 183, 99, 120

 183, 117, 134

 183, 135, 148


 183, 80, 107

 183, 154, 161

 183, 62, 93

 183, 172, 175

 183, 44, 80

 183, 187, 190

 183, 26, 66

 183, 198, 209

 183, 7, 52

 183, 208, 227

 183, 0, 47

 183, 219, 245

 183, 222, 255

 183, 219, 255

Harmonies

Analogous

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



169, 121, 158



183, 117, 134



183, 122, 110

Triad

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



183, 117, 134



94, 142, 112



68, 113, 179

Complementary

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



183, 117, 134



117, 155, 183

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.



49, 102, 162



183, 117, 134



95, 134, 147

Square

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



183, 117, 134



106, 150, 86



65, 110, 149



106, 128, 185

Rectangle

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



183, 117, 134



176, 138, 97



65, 110, 149



58, 108, 174

Sweetspot

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



183, 117, 134



237, 211, 218



165, 117, 183



120, 104, 108



247, 247, 247



120, 120, 120

Same Dimension

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



183, 117, 134



237, 135, 161



183, 136, 117



92, 83, 85



156, 0, 40



28, 0, 7

Inverse Universe

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



183, 117, 134



237, 135, 161



117, 146, 183



92, 83, 85



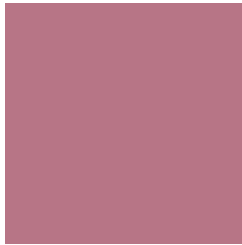
156, 0, 40



28, 0, 7

Previews

White Background



This preview shows how the RYB color 183, 117, 134 looks on a white background.

Color Contrast Check

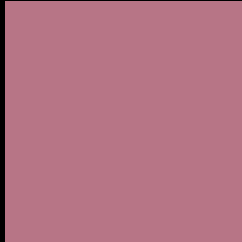
Large Text (above 18pt) WCAG AA ✓ Pass

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 183, 117, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

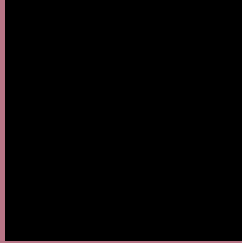
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 183, 117, 134 Background



This preview shows how black text looks on a background with the RYB color 183, 117, 134.



This preview shows how white text looks on a background with the RYB color 183, 117, 134.

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
183, 117, 134

Protanopia
136, 135, 145

Deuteranopia
151, 132, 131



Tritanopia
182, 118, 127

Trichromacy



Original Color

183, 117, 134

Protanomaly

153, 128, 141

Deuteranomaly

163, 127, 132

Tritanomaly

182, 118, 130

Monochromacy



Original Color

183, 117, 134

Achromatopsia

139, 139, 139

Achromatomaly

155, 131, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 117, 134 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(183, 117, 134)` looks like.

```
.text, #text, p{  
    color:rgb(183, 117, 134)  
}
```

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(183, 117, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 117, 134) }
```

Border

The CSS property to change the border of an element to RYB 183, 117, 134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

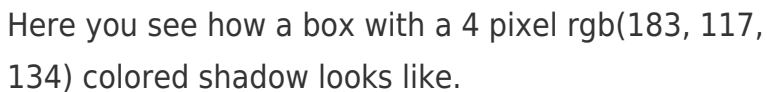
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 117, 134) }
```

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

```
.border{ border-color:rgb(183, 117, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 117, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 117, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 117, 134); box-shadow:4px 4px 4px 4px rgb(183, 117, 134) }
```

Background

The CSS property to change the background color of an element to RYB 183, 117, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 117, 134) }
```

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

```
.background{ background-color: rgb(183,  
117, 134) }
```

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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