

Converting Colors

`RYB(179, 108, 133)`

Have a look what the booklet for
RYB(179, 108, 133) contains.

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Color

R_YB(179, 108, 133)

Conversions

Conversions Part 1

Format	Color
Hex	B36C85
RGB	179, 108, 133
RGB Percent	70%, 42%, 52%
CMY	0.2980, 0.5765, 0.4784
CMYK	0.00, 0.40, 0.26, 0.30
HSL	339°, 32%, 56%
HSV	339°, 40%, 70%
XYZ	28.1866, 22.0023, 24.9516
YIQ	132.0790, 34.2910, 22.8270

Conversions

Conversions Part 2

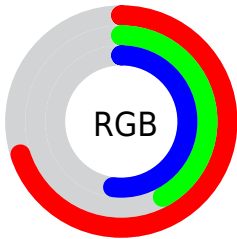
Format	Color
R_{YB}	179, 108, 133
Decimal	11758725
CIE _{Lab}	54.03, 31.58, -1.65
CIE _{LCh}	54, 31.622, 357.011
Yxy	22.0023, 0.3751, 0.2928
Android (android.graphics.Color)	4289948805 (0xFFB36C85)
YUV	132.0790, 0.4541, 41.1497
Hunter-Lab	46.9066, 25.1758, 1.2958

Details

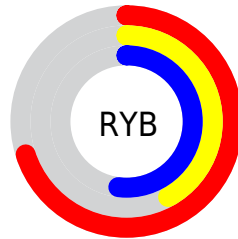
The RYB color **179, 108, 133** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108, 151, 179**, and the grayscale version is **132, 132, 132**.

A 20% lighter version of the original color is **236, 161, 186**, and **124, 58, 84** is the 20% darker color. If you saturate the color by 10%, you get **179, 90, 121**, and if you desaturate by 10%, it is **179, 126, 145**.

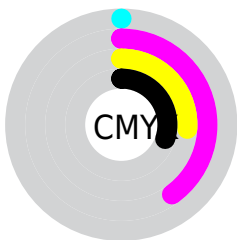
Distribution



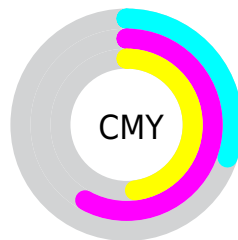
- Red (70%)
- Green (42%)
- Blue (52%)



- Red (70%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (40%)
- Yellow (26%)
- Black (30%)



- Cyan (30%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 108, 133 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 179, 108, 133 by changing the saturation by 10% instead.

 179, 108, 133

255, 255, 255


 236, 161, 186

 255, 188, 214

 255, 216, 242

 255, 245, 255

 179, 108, 133

 151, 83, 108

 124, 58, 84

 98, 35, 61

 73, 9, 39

 49, 0, 18

 15, 0, 0


 0, 0, 0

 179, 108, 133

 179, 90, 121


 179, 108, 133

 179, 126, 145

 179, 72, 110

 179, 144, 156

 179, 54, 98

 179, 162, 168

 179, 36, 87

 179, 180, 180

 179, 18, 75

 179, 190, 197

 179, 1, 63

 179, 201, 215

 179, 0, 63

 179, 212, 233

 179, 223, 251

 179, 222, 255

Harmonies

Analogous

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



161, 113, 159



179, 108, 133



182, 110, 106

Triad

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



179, 108, 133



80, 135, 93



30, 92, 174

Complementary

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



179, 108, 133



108, 151, 179

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.



0, 74, 153



179, 108, 133



89, 133, 141

Square

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



179, 108, 133



105, 149, 74



51, 103, 144



84, 117, 183

Rectangle

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



179, 108, 133



176, 123, 90



51, 103, 144



8, 81, 168

Sweetspot

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



179, 108, 133



232, 204, 214



153, 108, 179



117, 101, 107



245, 245, 245



117, 117, 117

Same Dimension

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



179, 108, 133



232, 121, 160



179, 118, 108



89, 80, 83



153, 0, 54



26, 0, 9

Inverse Universe

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



179, 108, 133



232, 121, 160



108, 141, 179



89, 80, 83



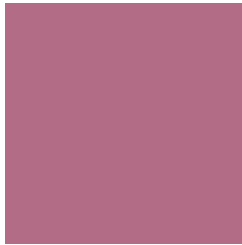
153, 0, 54



26, 0, 9

Previews

White Background



This preview shows how the RYB color 179, 108, 133 looks on a white background.

Color Contrast Check

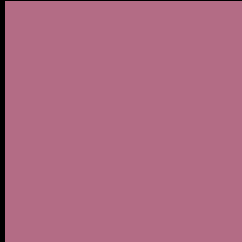
Large Text (above 18pt) WCAG AA ✓ Pass

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 179, 108, 133 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 179, 108, 133 Background



This preview shows how black text looks on a background with the RYB color 179, 108, 133.



This preview shows how white text looks on a background with the RYB color 179, 108, 133.

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
179, 108, 133

Protanopia
127, 129, 146

Deuteranopia
142, 125, 130



Tritanopia
178, 111, 119

Trichromacy



Original Color
179, 108, 133

Protanomaly
146, 121, 141

Deuteranomaly
155, 119, 131

Tritanomaly
178, 110, 124

Monochromacy



Original Color
179, 108, 133

Achromatopsia
132, 132, 132

Achromatomaly
149, 123, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 179, 108, 133 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(179, 108, 133)` looks like.

```
.text, #text, p{  
    color:rgb(179, 108, 133)  
}
```

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(179, 108, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 108, 133) }
```

Border

The CSS property to change the border of an element to RYB 179, 108, 133 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(179, 108, 133) }
```

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

```
.border{ border-color:rgb(179, 108, 133) }
```

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

Here you see how a box with a 4 pixel rgb(179, 108, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 108, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 108, 133);  
box-shadow:4px 4px 4px 4px rgb(179, 108,  
133) }
```

Background

The CSS property to change the background color of an element to RYB 179, 108, 133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 108, 133) }
```

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

```
.background{ background-color: rgb(179,  
108, 133) }
```

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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