

Converting Colors

`RYB(201, 136, 186)`

Have a look what the booklet for
RYB(201, 136, 186) contains.

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Color

$\text{RYB}(201, 136, 186)$

Conversions

Conversions Part 1

Format	Color
Hex	C988BA
RGB	201, 136, 186
RGB Percent	79%, 53%, 73%
CMY	0.2118, 0.4667, 0.2706
CMYK	0.00, 0.32, 0.07, 0.21
HSL	314°, 38%, 66%
HSV	314°, 32%, 79%
XYZ	41.7545, 33.5710, 50.7335
YIQ	161.1350, 22.6900, 29.3300

Conversions

Conversions Part 2

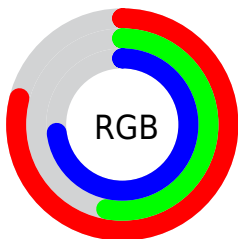
Format	Color
R_{YB}	201, 136, 186
Decimal	13207738
CIE _{Lab}	64.62, 32.59, -16.05
CIE _{LCh}	65, 36.330, 333.782
Yxy	33.5710, 0.3312, 0.2663
Android (android.graphics.Color)	4291397818 (0xFFC988BA)
YUV	161.1350, 12.2584, 34.9616
Hunter-Lab	57.9405, 27.2392, -11.3568

Details

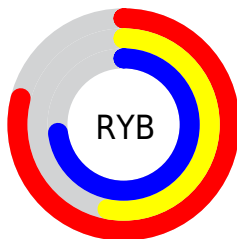
The RYB color **201, 136, 186** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 189, 201**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 190, 242**, and **146, 85, 133** is the 20% darker color. If you saturate the color by 10%, you get **201, 116, 181**, and if you desaturate by 10%, it is **201, 156, 191**.

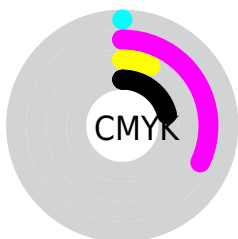
Distribution



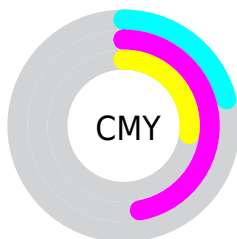
- Red (79%)
- Green (53%)
- Blue (73%)



- Red (79%)
- Yellow (53%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (7%)
- Black (21%)



- Cyan (21%)
- Magenta (47%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 136, 186 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 201, 136, 186 by changing the saturation by 10% instead.

 201, 136, 186

 201, 136, 186

255, 255, 255

 173, 110, 159

 255, 190, 242

 146, 85, 133

 255, 218, 255

 119, 60, 107

 255, 247, 255

 94, 37, 83

 69, 11, 60


 46, 0, 38


 16, 0, 16


 0, 0, 0


 201, 136, 186


 201, 136, 186


 201, 116, 181


 201, 156, 191


 201, 96, 177


 201, 176, 195


 201, 76, 172


 201, 196, 200


 201, 56, 167


 201, 213, 216


 201, 36, 163


 201, 230, 237


 201, 15, 158

 201, 245, 255

 201, 0, 155

 201, 242, 255

 201, 239, 255

 201, 237, 255

Harmonies

Analogous

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



166, 147, 211



201, 136, 186



218, 131, 154

Triad

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



201, 136, 186



114, 174, 91



0, 91, 192

Complementary

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



201, 136, 186



136, 189, 201

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.



53, 117, 174



201, 136, 186



102, 165, 127

Square

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



201, 136, 186



201, 183, 99



100, 152, 172



55, 121, 214

Rectangle

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



201, 136, 186



220, 133, 132



100, 152, 172



8, 93, 182

Sweetspot

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



201, 136, 186



255, 230, 249



150, 136, 201



128, 112, 124



0, 0, 0



128, 128, 128

Same Dimension

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



201, 136, 186



255, 156, 232



201, 136, 154



99, 90, 97



163, 0, 126



36, 0, 27

Inverse Universe

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



201, 136, 186



255, 156, 232



136, 174, 201



99, 90, 97



163, 0, 126



36, 0, 27

Previews

White Background



This preview shows how the RYB color 201, 136, 186 looks on a white background.

Color Contrast Check

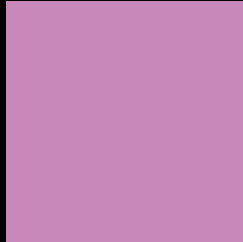
Large Text (above 18pt) WCAG AA × Fail

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 201, 136, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

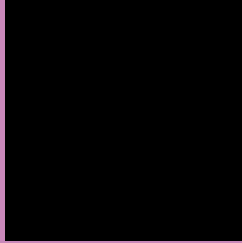
Any Text WCAG AA ✓ Pass

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 201, 136, 186 Background



This preview shows how black text looks on a background with the RYB color 201, 136, 186.



This preview shows how white text looks on a background with the RYB color 201, 136, 186.

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
201, 136, 186

Protanopia
146, 154, 199

Deuteranopia
160, 153, 183



Tritanopia
197, 142, 153

Trichromacy



Original Color
201, 136, 186

Protanomaly
166, 148, 194

Deuteranomaly
175, 147, 184

Tritanomaly
198, 140, 165

Monochromacy



Original Color
201, 136, 186

Achromatopsia
161, 161, 161

Achromatomaly
176, 152, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 136, 186 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(201, 136, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 136, 186)  
}
```

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(201, 136, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 136, 186) }
```

Border

The CSS property to change the border of an element to RYB 201, 136, 186 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(201, 136, 186) }
```

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

```
.border{ border-color:rgb(201, 136, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 136, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 136, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 136, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 136,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 201, 136, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 136, 186) }
```

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

```
.background{ background-color: rgb(201,  
136, 186) }
```

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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