

Converting Colors

`RYB(205, 138, 172)`

Have a look what the booklet for RYB(205, 138, 172) contains.

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Color

R_YB(205, 138, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CD8AAC
RGB	205, 138, 172
RGB Percent	80%, 54%, 67%
CMY	0.1961, 0.4588, 0.3255
CMYK	0.00, 0.33, 0.16, 0.20
HSL	330°, 40%, 67%
HSV	330°, 33%, 80%
XYZ	41.7117, 34.1347, 43.4199
YIQ	161.9090, 29.0180, 24.7780

Conversions

Conversions Part 2

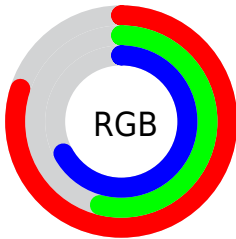
Format	Color
R _Y B	205, 138, 172
Decimal	13470380
CIE Lab	65.07, 30.53, -7.44
CIE LCh	65, 31.421, 346.310
Yxy	34.1347, 0.3497, 0.2862
Android (android.graphics.Color)	4291660460 (0xFFCD8AAC)
YUV	161.9090, 4.9749, 37.7908
Hunter-Lab	58.4249, 25.1943, -3.1655

Details

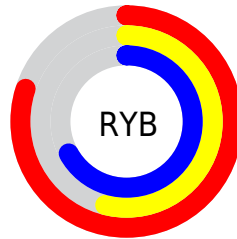
The RYB color **205, 138, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 183, 205**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 192, 227**, and **150, 87, 120** is the 20% darker color. If you saturate the color by 10%, you get **205, 118, 162**, and if you desaturate by 10%, it is **205, 159, 182**.

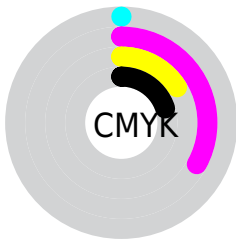
Distribution



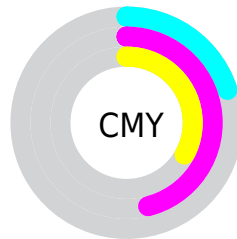
- Red (80%)
- Green (54%)
- Blue (67%)



- Red (80%)
- Yellow (54%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 138, 172 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 205, 138, 172 by changing the saturation by 10% instead.

 205, 138, 172

 205, 138, 172

255, 255, 255

 177, 112, 145

 255, 192, 227

 150, 87, 120

 255, 220, 255

 123, 63, 95

 255, 249, 255

 97, 39, 71

 72, 14, 49

 48, 0, 28

 21, 0, 0

 0, 0, 0

 205, 138, 172


 205, 138, 172

 205, 118, 162


 205, 159, 182

 205, 97, 152


 205, 179, 192

 205, 77, 142


 205, 200, 202

 205, 56, 132


 205, 215, 220

 205, 35, 122

 205, 229, 241

 205, 15, 111

 205, 237, 255

 205, 0, 104

 205, 233, 255

 205, 231, 255

 205, 230, 255

Harmonies

Analogous

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



181, 145, 197



205, 138, 172



214, 137, 143

Triad

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



205, 138, 172



104, 162, 103



64, 123, 198

Complementary

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



205, 138, 172



138, 183, 205

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.



66, 120, 173



205, 138, 172



118, 168, 156

Square

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



205, 138, 172



170, 189, 104



96, 143, 172



99, 140, 212

Rectangle

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



205, 138, 172



211, 143, 126



96, 143, 172



60, 120, 190

Sweetspot

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



205, 138, 172



255, 230, 242



170, 138, 205



128, 112, 120



0, 0, 0



128, 128, 128

Same Dimension

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



205, 138, 172



255, 156, 206



205, 138, 139



102, 92, 97



166, 0, 84



38, 0, 19

Inverse Universe

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



205, 138, 172



255, 156, 206



138, 172, 205



102, 92, 97



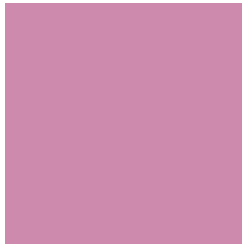
166, 0, 84



38, 0, 19

Previews

White Background



This preview shows how the RYB color 205, 138, 172 looks on a white background.

Color Contrast Check

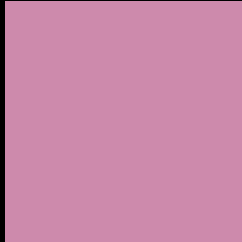
Large Text (above 18pt) WCAG AA × Fail

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 205, 138, 172 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 205, 138, 172 Background



This preview shows how black text looks on a background with the RYB color 205, 138, 172.



This preview shows how white text looks on a background with the RYB color 205, 138, 172.

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
205, 138, 172

Protanopia
153, 157, 184

Deuteranopia
169, 154, 169



Tritanopia
203, 142, 152

Trichromacy



Original Color
205, 138, 172

Protanomaly
172, 150, 180

Deuteranomaly
182, 148, 170

Tritanomaly
204, 141, 159

Monochromacy



Original Color
205, 138, 172

Achromatopsia
162, 162, 162

Achromatomaly
178, 153, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 138, 172 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(205, 138, 172) looks like.

```
.text, #text, p{  
    color:rgb(205, 138, 172)  
}
```

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(205, 138, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 138, 172) }
```

Border

The CSS property to change the border of an element to RYB 205, 138, 172 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(205, 138, 172) }
```

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

```
.border{ border-color:rgb(205, 138, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 138, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 138, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 138, 172);  
box-shadow:4px 4px 4px 4px rgb(205, 138,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 205, 138, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 138, 172) }
```

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

```
.background{ background-color: rgb(205,  
138, 172) }
```

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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