

Converting Colors

`RYB(207, 138, 204)`

Have a look what the booklet for
RYB(207, 138, 204) contains.

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Color

R_YB(207, 138, 204)

Conversions

Conversions Part 1

Format	Color
Hex	CF8ACC
RGB	207, 138, 204
RGB Percent	81%, 54%, 80%
CMY	0.1882, 0.4588, 0.2000
CMYK	0.00, 0.33, 0.01, 0.19
HSL	303°, 42%, 68%
HSV	303°, 33%, 81%
XYZ	45.7197, 35.8020, 61.6275
YIQ	166.1550, 19.9380, 35.1540

Conversions

Conversions Part 2

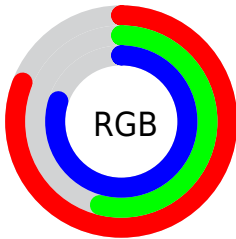
Format	Color
R _{YB}	207, 138, 204
Decimal	13601484
CIE _{Lab}	66.37, 36.73, -23.42
CIE _{LCh}	66, 43.562, 327.472
Yxy	35.8020, 0.3194, 0.2501
Android (android.graphics.Color)	4291791564 (0xFFCF8ACC)
YUV	166.1550, 18.6576, 35.8211
Hunter-Lab	59.8348, 31.6809, -19.1821

Details

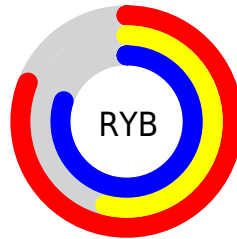
The RYB color `207, 138, 204` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `138, 204, 207`, and the grayscale version is `166, 166, 166`.

A 20% lighter version of the original color is `255, 192, 255`, and `151, 86, 150` is the 20% darker color. If you saturate the color by 10%, you get `207, 117, 203`, and if you desaturate by 10%, it is `207, 159, 205`.

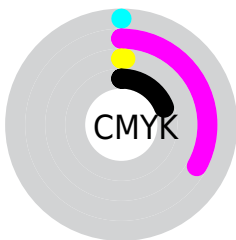
Distribution



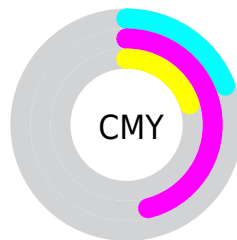
- Red (81%)
- Green (54%)
- Blue (80%)



- Red (81%)
- Yellow (54%)
- Blue (80%)



- Cyan (0%)
- Magenta (33%)
- Yellow (1%)
- Black (19%)



- Cyan (19%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 138, 204 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 207, 138, 204 by changing the saturation by 10% instead.


 207, 138, 204

 207, 138, 204

255, 255, 255

 179, 112, 176

 255, 192, 255

 151, 86, 150

 255, 221, 255

 125, 62, 124

 255, 250, 255


 99, 37, 99


 74, 11, 75


 49, 0, 52

 26, 0, 30

 0, 0, 0

 207, 138, 204

 207, 138, 204

 207, 117, 203

 207, 159, 205

 207, 97, 202

 207, 179, 206

 207, 76, 201

 207, 200, 207

 207, 55, 200

 207, 220, 221

 207, 34, 200

 207, 240, 241

 207, 14, 199

 207, 253, 255

 207, 0, 198

 207, 252, 255

 207, 251, 255

 207, 250, 255

Harmonies

Analogous

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



160, 152, 231



207, 138, 204



232, 130, 166

Triad

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



207, 138, 204



124, 188, 82



0, 94, 196

Complementary

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



207, 138, 204



138, 204, 207

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.



22, 108, 181



207, 138, 204



90, 170, 111

Square

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



207, 138, 204



219, 175, 96



101, 164, 178



0, 99, 226

Rectangle

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



207, 138, 204



236, 130, 140



101, 164, 178



0, 91, 184

Sweetspot

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



207, 138, 204



255, 230, 254



140, 138, 207



128, 112, 127



0, 0, 0



128, 128, 128

Same Dimension

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



207, 138, 204



255, 153, 251



207, 138, 170



105, 94, 104



168, 0, 161



41, 0, 39

Inverse Universe

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



207, 138, 204



255, 153, 251



138, 183, 207



105, 94, 104



168, 0, 161



41, 0, 39

Previews

White Background



This preview shows how the RYB color 207, 138, 204 looks on a white background.

Color Contrast Check

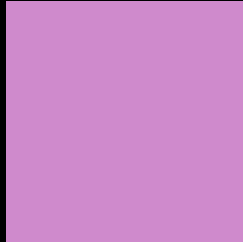
Large Text (above 18pt) WCAG AA × Fail

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 207, 138, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

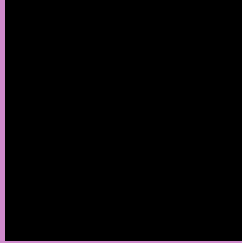
Any Text WCAG AA ✓ Pass

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 207, 138, 204 Background



This preview shows how black text looks on a background with the RYB color 207, 138, 204.



This preview shows how white text looks on a background with the RYB color 207, 138, 204.

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
207, 138, 204

Protanopia
144, 157, 220

Deuteranopia
158, 158, 200



Tritanopia
201, 147, 158

Trichromacy



Original Color

207, 138, 204



Protanomaly

167, 152, 214



Deuteranomaly

176, 151, 201



Tritanomaly

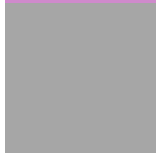
203, 144, 175

Monochromacy



Original Color

207, 138, 204



Achromatopsia

166, 166, 166



Achromatomaly

181, 156, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 138, 204 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(207, 138, 204) looks like.

```
.text, #text, p{  
    color:rgb(207, 138, 204)  
}
```

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(207, 138, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 138, 204) }
```

Border

The CSS property to change the border of an element to RYB 207, 138, 204 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(207, 138, 204) }
```

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

```
.border{ border-color:rgb(207, 138, 204) }
```

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

Here you see how a box with a 4 pixel rgb(207, 138, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 138, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 138, 204);  
box-shadow:4px 4px 4px 4px rgb(207, 138,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 207, 138, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 138, 204) }
```

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

```
.background{ background-color: rgb(207,  
138, 204) }
```

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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