

Converting Colors

RGB(205, 138, 178)

Have a look what the booklet for
RGB(205, 138, 178) contains.

RGB(205, 138, 178)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(205, 138, 178)

Conversions

Conversions Part 1

Format	Color
Hex	CD8AB2
RGB	205, 138, 178
RGB Percent	80%, 54%, 70%
CMY	0.1961, 0.4588, 0.3020
CMYK	0.00, 0.33, 0.13, 0.20
HSL	324°, 40%, 67%
HSV	324°, 33%, 80%
XYZ	42.3012, 34.3704, 46.5241
YIQ	162.5930, 27.0920, 26.6440

Conversions

Conversions Part 2

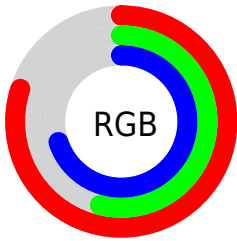
Format	Color
R_{YB}	205, 138, 178
Decimal	13470386
CIE _{Lab}	65.26, 31.51, -10.54
CIE _{LCh}	65, 33.224, 341.499
Yxy	34.3704, 0.3434, 0.2790
Android (android.graphics.Color)	4291660466 (0xFFCD8AB2)
YUV	162.5930, 7.5957, 37.1909
Hunter-Lab	58.6263, 26.1987, -6.0124

Details

The RGB color **205, 138, 178** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **138, 205, 165**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 192, 234**, and **150, 87, 125** is the 20% darker color. If you saturate the color by 10%, you get **205, 118, 170**, and if you desaturate by 10%, it is **205, 159, 186**.

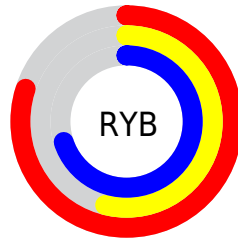
Distribution



Red (80%)

Green (54%)

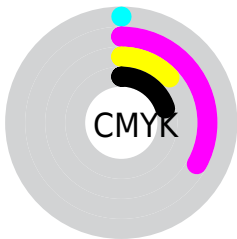
Blue (70%)



Red (80%)

Yellow (54%)

Blue (70%)

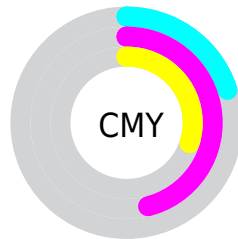


Cyan (0%)

Magenta (33%)

Yellow (13%)

Black (20%)



Cyan (20%)

Magenta (46%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RGB color 205, 138, 178 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 RGB color 205, 138, 178 by changing the saturation by 10% instead.

 205, 138, 178

 205, 138, 178

255, 255, 255

 177, 112, 151

 255, 192, 234

 150, 87, 125

 255, 220, 255

 123, 62, 100

 255, 249, 255

 97, 39, 76

 72, 14, 54

 48, 0, 32

 22, 0, 6


 0, 0, 0

 205, 138, 178

 205, 138, 178

 205, 118, 170


 205, 159, 186

 205, 97, 161


 205, 179, 195

 205, 77, 153


 205, 200, 203

 205, 56, 145

 205, 220, 211

 205, 35, 137

 205, 241, 219

 205, 15, 128

 205, 255, 228

 205, 0, 122

 205, 255, 236

 205, 255, 244

 205, 255, 252

Harmonies

Analogous

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



177, 147, 203



205, 138, 178



217, 136, 148

Triad

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



205, 138, 178



167, 160, 99



49, 172, 197

Complementary

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



205, 138, 178



138, 205, 165

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.



61, 175, 169



205, 138, 178



134, 168, 113

Square

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



205, 138, 178



194, 150, 102



98, 173, 139



87, 167, 214

Rectangle

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



205, 138, 178



215, 138, 129



98, 173, 139



47, 174, 188

Sweetspot

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



205, 138, 178



255, 230, 245



165, 138, 205



128, 112, 121



0, 0, 0



128, 128, 128

Same Dimension

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



205, 138, 178



255, 156, 215



205, 138, 145



102, 92, 98



166, 0, 99



38, 0, 23

Inverse Universe

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



205, 138, 178



255, 156, 215



138, 205, 198



102, 92, 98



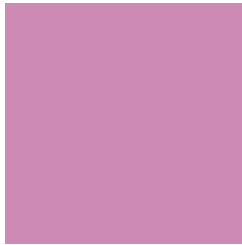
166, 0, 99



38, 0, 23

Previews

White Background



This preview shows how the RGB color 205, 138, 178 looks on a white background.

Color Contrast Check

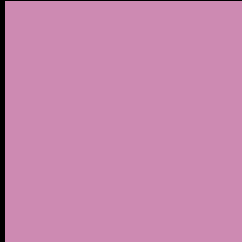
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 205, 138, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

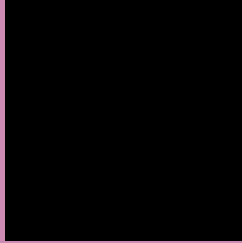
Any Text WCAG AA ✓ Pass

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](#).

RGB 205, 138, 178 Background



This preview shows how black text looks on a background with the RGB color 205, 138, 178.



This preview shows how white text looks on a background with the RGB color 205, 138, 178.

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, 178

Protanopia
152, 157, 191

Deuteranopia
167, 154, 175



Tritanopia
202, 142, 153

Trichromacy



Original Color

205, 138, 178



Protanomaly

171, 150, 186



Deuteranomaly

181, 148, 176



Tritanomaly

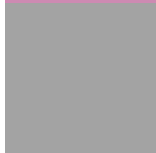
203, 141, 162

Monochromacy



Original Color

205, 138, 178



Achromatopsia

163, 163, 163



Achromatomaly

178, 154, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 205, 138, 178 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(205, 138, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 138, 178) }
```

Border

The CSS property to change the border of an element to RGB 205, 138, 178 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, 178) }
```

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

```
.border{ border-color:rgb(205, 138, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 138, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 138, 178); box-shadow:4px 4px 4px 4px rgb(205, 138, 178) }
```

Background

The CSS property to change the background color of an element to RGB 205, 138, 178 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, 178) }
```

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

```
.background{ background-color: rgb(205,  
138, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor