

Converting Colors

RGB(202, 145, 173)

Have a look what the booklet for
RGB(202, 145, 173) contains.

RGB(202, 145, 173)	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(202, 145, 173)

Conversions

Conversions Part 1

Format	Color
Hex	CA91AD
RGB	202, 145, 173
RGB Percent	79%, 57%, 68%
CMY	0.2078, 0.4314, 0.3216
CMYK	0.00, 0.28, 0.14, 0.21
HSL	331°, 35%, 68%
HSV	331°, 28%, 79%
XYZ	42.0253, 35.8245, 44.2350
YIQ	165.2350, 24.9840, 20.7920

Conversions

Conversions Part 2

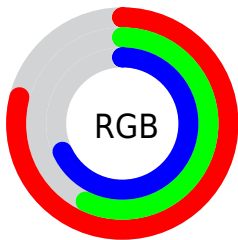
Format	Color
R _Y B	202, 145, 173
Decimal	13275565
CIE Lab	66.39, 25.80, -6.08
CIE LCh	66, 26.511, 346.737
Yxy	35.8245, 0.3442, 0.2934
Android (android.graphics.Color)	4291465645 (0xFFCA91AD)
YUV	165.2350, 3.8281, 32.2429
Hunter-Lab	59.8536, 20.5876, -1.9210

Details

The RGB color **202, 145, 173** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **145, 202, 174**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 199, 228**, and **147, 94, 121** is the 20% darker color. If you saturate the color by 10%, you get **202, 125, 163**, and if you desaturate by 10%, it is **202, 165, 183**.

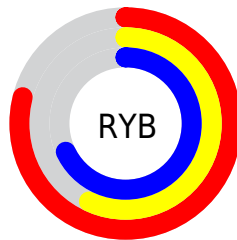
Distribution



Red (79%)

Green (57%)

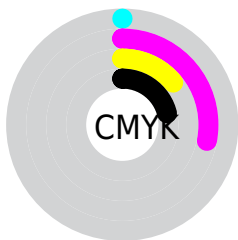
Blue (68%)



Red (79%)

Yellow (57%)

Blue (68%)

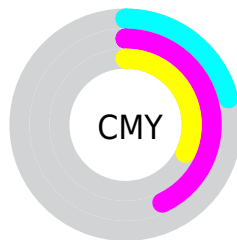


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (21%)



Cyan (21%)

Magenta (43%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the RGB color 202, 145, 173 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 202, 145, 173 by changing the saturation by 10% instead.

 202, 145, 173

 202, 145, 173


255, 255, 255

 174, 119, 146

 255, 199, 228

 147, 94, 121

 255, 228, 255

 121, 70, 96

 95, 46, 72


 70, 23, 50

 47, 1, 29

 22, 0, 0


 0, 0, 0


 202, 145, 173

 202, 145, 173

 202, 125, 163

 202, 165, 183

 202, 105, 152

 202, 185, 194

 202, 84, 142


 202, 206, 204

 202, 64, 132

 202, 226, 214

 202, 44, 122

 202, 246, 224

 202, 24, 111

 202, 255, 235

 202, 4, 101

 202, 255, 245

 202, 0, 99

 202, 255, 255

Harmonies

Analogous

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



181, 151, 194



202, 145, 173



210, 144, 149

Triad

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



202, 145, 173



165, 164, 116



92, 172, 195

Complementary

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



202, 145, 173



145, 202, 174

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.



91, 175, 174



202, 145, 173



138, 170, 128

Square

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



202, 145, 173



188, 156, 115



111, 174, 150



116, 167, 207

Rectangle

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



202, 145, 173



207, 147, 134



111, 174, 150



89, 173, 189

Sweetspot

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



202, 145, 173



255, 235, 245



174, 145, 202



128, 115, 121



0, 0, 0



128, 128, 128

Same Dimension

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



202, 145, 173



255, 168, 211



202, 145, 145



102, 92, 97



166, 0, 81



38, 0, 19

Inverse Universe

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



202, 145, 173



255, 168, 211



145, 202, 202



102, 92, 97



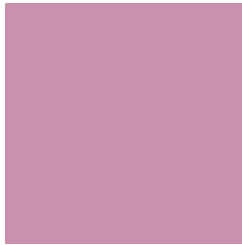
166, 0, 81



38, 0, 19

Previews

White Background



This preview shows how the RGB color 202, 145, 173 looks on a white background.

Color Contrast Check

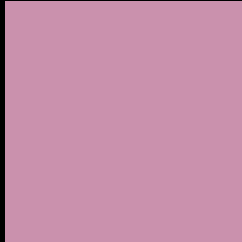
Large Text (above 18pt) WCAG AA × Fail

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 202, 145, 173 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 202, 145, 173 Background



This preview shows how black text looks on a background with the RGB color 202, 145, 173.

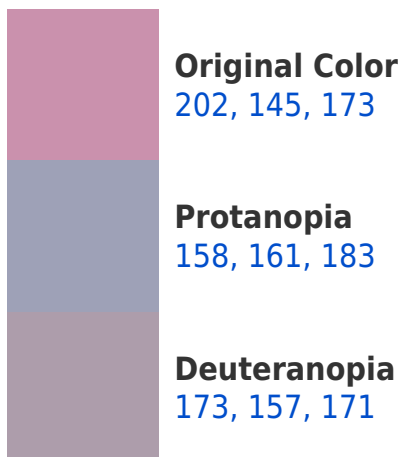


This preview shows how white text looks on a background with the RGB color 202, 145, 173.

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





Tritanopia
200, 147, 159

Trichromacy



Original Color
202, 145, 173

Protanomaly
174, 155, 179

Deuteranomaly
184, 153, 172

Tritanomaly
201, 146, 164

Monochromacy



Original Color
202, 145, 173

Achromatopsia
165, 165, 165

Achromatomaly
178, 158, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 202, 145, 173 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(202, 145, 173) looks like.

```
.text, #text, p{  
    color:rgb(202, 145, 173)  
}
```

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(202, 145, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 145, 173) }
```

Border

The CSS property to change the border of an element to RGB 202, 145, 173 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(202, 145, 173) }
```

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

```
.border{ border-color:rgb(202, 145, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 145, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 145, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 145, 173);  
box-shadow:4px 4px 4px 4px rgb(202, 145,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 202, 145, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 145, 173) }
```

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

```
.background{ background-color: rgb(202,  
145, 173) }
```

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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