Converting Colors

RGB(200, 154, 197)

Have a look what the booklet for RGB(200, 154, 197) contains.

Color

RGB(200, 154, 197)

Conversions

Conversions Part 1

Format	Color
Hex	C89AC5
RGB	200, 154, 197
RGB Percent	78%, 60%, 77%
CMY	0.2157, 0.3961, 0.2275
CMYK	0.00, 0.23, 0.01, 0.22
HSL	304°, 29%, 69%
HSV	304°, 23%, 78%
XYZ	45.4531, 39.4218, 58.0369
YIQ	172.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

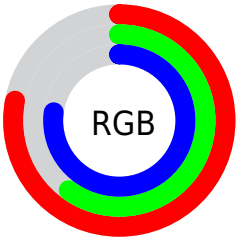
Format	Color
RYB	200, 154, 197
Decimal	13146821
CIELab	69.06, 24.38, -15.51
CIELCh	69, 28.898, 327.534
Yxy	39.4218, 0.3180, 0.2758
Android (android.graphics.Color)	4291336901 (0xFFC89AC5)
YUV	172.6560, 12.0016, 23.9807
Hunter-Lab	62.7868, 19.3442, -10.8539

Details

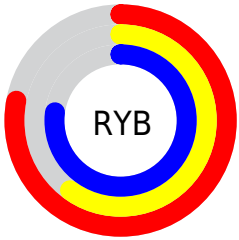
The RGB color 200, 154, 197 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 154, 200, 157, and the grayscale version is 173, 173, 173.

A 20% lighter version of the original color is 255, 209, 254, and 146, 102, 143 is the 20% darker color. If you saturate the color by 10%, you get 200, 134, 196, and if you desaturate by 10%, it is 200, 174, 198.

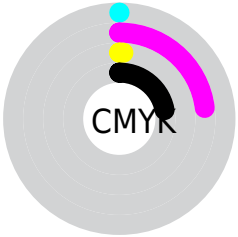
Distribution



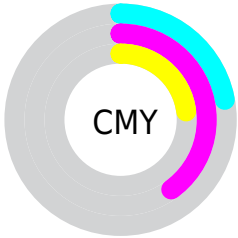
- Red (78%)
- Green (60%)
- Blue (77%)



- Red (78%)
- Yellow (60%)
- Blue (77%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (40%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the RGB color 200, 154, 197 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 200, 154, 197 by changing the saturation by 10% instead.

200, 154, 197	200, 154, 197
255, 255, 255	172, 128, 170
255, 209, 254	146, 102, 143
255, 237, 255	119, 78, 118
	94, 54, 93
	70, 32, 69
	47, 10, 47
	27, 0, 26
	0, 0, 0

200, 154, 197	200, 154, 197

200, 134, 196

200, 114, 194

200, 94, 193

200, 74, 192

200, 54, 190

200, 34, 189

200, 14, 188

200, 0, 187

200, 174, 198

200, 194, 200

200, 214, 201

200, 234, 202

200, 254, 204

200, 255, 205

200, 255, 206

200, 255, 207

200, 255, 209

Harmonies

Analogous

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

169, 163, 215

200, 154, 197

218, 149, 172

Triad

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

200, 154, 197

189, 166, 116

86, 182, 192

Complementary

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

200, 154, 197

154, 200, 157

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.

103, 183, 165

200, 154, 197

162, 174, 122

Square

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

200, 154, 197

210, 157, 125

131, 180, 140

98, 179, 212

Rectangle

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

200, 154, 197

221, 150, 154

131, 180, 140

89, 183, 183

Sweetspot

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

200, 154, 197

255, 237, 254

156, 154, 200

128, 117, 127

0, 0, 0

128, 128, 128

Same Dimension

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

200, 154, 197

255, 184, 250

200, 154, 175

99, 90, 99

163, 0, 153

36, 0, 33

Inverse Universe

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

200, 154, 197

255, 184, 250

154, 200, 179

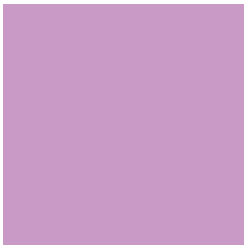
99, 90, 99

163, 0, 153

36, 0, 33

Previews

White Background

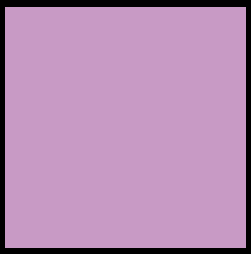


This preview shows how the RGB color 200, 154, 197 looks on a white background.

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



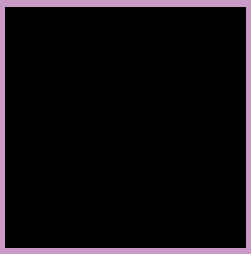
This preview shows how the RGB color 200, 154, 197 looks on a black background.

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 200, 154, 197 Background



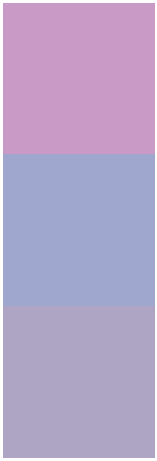
This preview shows how black text looks on a background with the RGB color 200, 154, 197.

This preview shows how white text looks on a background with the RGB color 200, 154, 197.

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



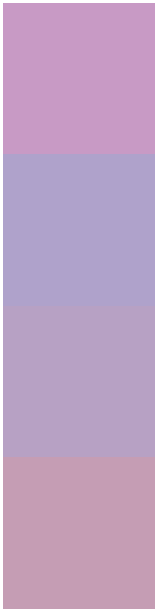
Original Color
200, 154, 197

Protanopia
160, 167, 206

Deuteranopia
173, 165, 195

Tritanopia
196, 159, 171

Trichromacy



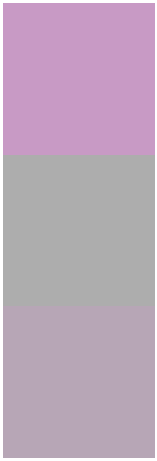
Original Color
200, 154, 197

Protanomaly
175, 162, 203

Deuteranomaly
183, 161, 196

Tritanomaly
197, 157, 180

Monochromacy



Original Color
200, 154, 197

Achromatopsia
173, 173, 173

Achromatomaly
183, 166, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 200, 154, 197 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(200, 154, 197) looks like.

```
.text, #text, p{
    color:rgb(200, 154, 197)
}
```

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(200, 154, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 197) }
```

Border

The CSS property to change the border of an element to RGB 200, 154, 197 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(200, 154, 197) }
```

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

```
.border{ border-color:rgb(200, 154, 197) }
```

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

Here you see how a box with a 4 pixel rgb(200, 154, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 154, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 154, 197); box-shadow:4px 4px 4px 4px rgb(200, 154, 197) }
```

Background

The CSS property to change the background color of an element to RGB 200, 154, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(200, 154, 197) }
```

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

```
.background{ background-color:rgb(200,
154, 197) }
```

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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