Converting Colors

RGB(220, 180, 207)

Have a look what the booklet for RGB(220, 180, 207) contains.

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Color

RGB(220, 180, 207)

Conversions

Conversions Part 1

Format	Color
Hex	DCB4CF
RGB	220, 180, 207
RGB Percent	86%, 71%, 81%
CMY	0.1373, 0.2941, 0.1882
CMYK	0.00, 0.18, 0.06, 0.14
HSL	320°, 36%, 78%
HSV	320°, 18%, 86%
XYZ	57.0989, 52.3632, 66.1291
YIQ	195.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

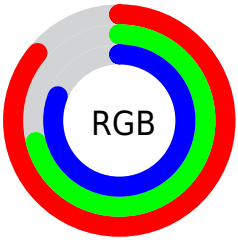
Format	Color
RYB	220, 180, 207
Decimal	14464207
CIELab	77.50, 18.88, -8.17
CIELCh	77, 20.575, 336.607
Yxy	52.3632, 0.3252, 0.2982
Android (android.graphics.Color)	4292654287 (0xFFDCB4CF)
YUV	195.0380, 5.8973, 21.8917
Hunter-Lab	72.3624, 14.2147, -3.5291

Details

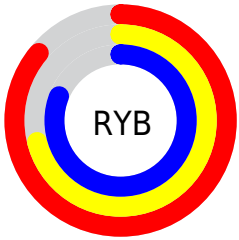
The RGB color 220, 180, 207 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 180, 220, 193, and the grayscale version is 195, 195, 195.

A 20% lighter version of the original color is 255, 236, 255, and 165, 127, 153 is the 20% darker color. If you saturate the color by 10%, you get 220, 158, 200, and if you desaturate by 10%, it is 220, 202, 214.

Distribution

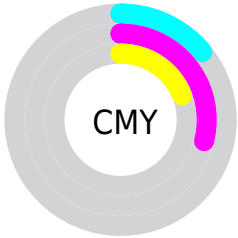


- Red (86%)
- Green (71%)
- Blue (81%)



- Red (86%)
- Yellow (71%)
- Blue (81%)

- Cyan (0%)
- Magenta (18%)
- Yellow (6%)
- Black (14%)



- Cyan (14%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RGB color 220, 180, 207 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 220, 180, 207 by changing the saturation by 10% instead.

220, 180, 207

255, 255, 255

255, 236, 255

220, 180, 207

192, 153, 179

165, 127, 153

138, 102, 127

112, 78, 102

88, 54, 78

64, 32, 55

41, 11, 34

16, 0, 10

0, 0, 0

220, 180, 207

220, 158, 200

220, 136, 193

220, 114, 186

220, 92, 178

220, 70, 171

220, 48, 164

220, 26, 157

220, 4, 150

220, 0, 149

220, 180, 207

220, 202, 214

220, 224, 221

220, 246, 228

220, 255, 236

220, 255, 243

220, 255, 250

220, 255, 255

Harmonies

Analogous

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

200, 185, 222

220, 180, 207

230, 178, 188

Triad

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

220, 180, 207

202, 192, 154

140, 201, 213

Complementary

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

220, 180, 207

180, 220, 193

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.

144, 203, 195

220, 180, 207

181, 197, 161

Square

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

220, 180, 207

220, 185, 157

159, 201, 176

152, 198, 226

Rectangle

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

220, 180, 207

231, 179, 175

159, 201, 176

140, 202, 208

Sweetspot

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

220, 180, 207

255, 242, 251

193, 180, 220

128, 120, 125

0, 0, 0

128, 128, 128

Same Dimension

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

220, 180, 207

255, 199, 237

220, 180, 187

110, 99, 106

173, 0, 117

46, 0, 31

Inverse Universe

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

220, 180, 207

255, 199, 237

180, 220, 213

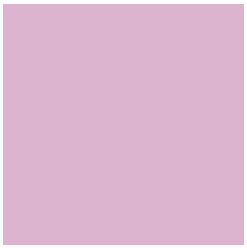
110, 99, 106

173, 0, 117

46, 0, 31

Previews

White Background

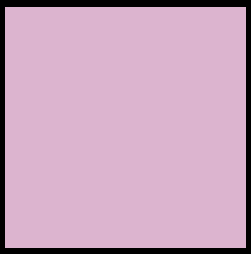


This preview shows how the RGB color 220, 180, 207 looks on a white background.

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



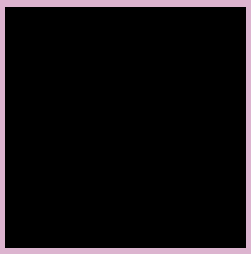
This preview shows how the RGB color 220, 180, 207 looks on a black background.

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 220, 180, 207 Background



This preview shows how black text looks on a background with the RGB color 220, 180, 207.

This preview shows how white text looks on a background with the RGB color 220, 180, 207.

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

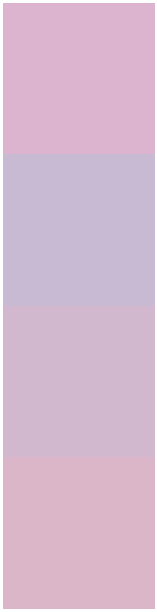
Original Color
220, 180, 207

Protanopia
189, 190, 213

Deuteranopia
204, 186, 206

Tritanopia
219, 182, 196

Trichromacy



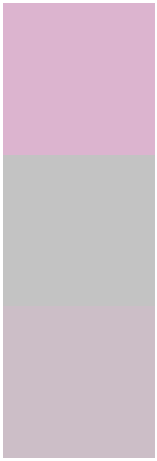
Original Color
220, 180, 207

Protanomaly
200, 186, 211

Deuteranomaly
210, 184, 206

Tritanomaly
219, 181, 200

Monochromacy



Original Color
220, 180, 207

Achromatopsia
195, 195, 195

Achromatomaly
204, 190, 199

CSS Examples

Text

The CSS property to change the color of the text to RGB 220, 180, 207 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(220, 180, 207) looks like.

```
.text, #text, p{
    color:rgb(220, 180, 207)
}
```

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(220, 180, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 180, 207) }
```

Border

The CSS property to change the border of an element to RGB 220, 180, 207 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(220, 180, 207) }
```

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

```
.border{ border-color:rgb(220, 180, 207) }
```

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

Here you see how a box with a 4 pixel rgb(220, 180, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 180, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 180, 207); box-shadow:4px 4px 4px 4px rgb(220, 180, 207) }
```

Background

The CSS property to change the background color of an element to RGB 220, 180, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 180, 207) }
```

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

```
.background{ background-color:rgb(220,
180, 207) }
```

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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