Converting Colors

RGB(173, 152, 224)

Have a look what the booklet for RGB(173, 152, 224) contains.

Color

RGB(173, 152, 224)

Conversions

Conversions Part 1

Format	Color
Hex	AD98E0
RGB	173, 152, 224
RGB Percent	68%, 60%, 88%
CMY	0.3216, 0.4039, 0.1216
CMYK	0.23, 0.32, 0.00, 0.12
HSL	258°, 54%, 74%
HSV	258°, 32%, 88%
XYZ	41.9164, 36.7225, 75.3999
YIQ	166.4870, -10.5960, 26.8440

Conversions

Conversions Part 2

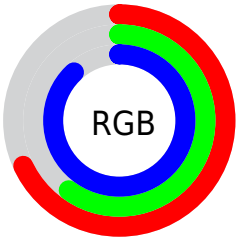
Format	Color
RYB	173, 152, 224
Decimal	11376864
CIELab	67.07, 22.53, -33.72
CIELCh	67, 40.557, 303.750
Yxy	36.7225, 0.2721, 0.2384
Android (android.graphics.Color)	4289566944 (0xFFAD98E0)
YUV	166.4870, 28.3539, 5.7119
Hunter-Lab	60.5991, 17.4199, -31.3517

Details

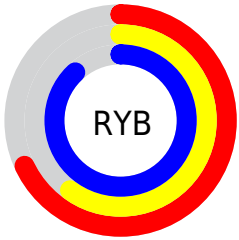
The RGB color 173, 152, 224 is a light color, and the websafe version is hex 9999CC. A complement of this color would be 203, 224, 152, and the grayscale version is 166, 166, 166.

A 20% lighter version of the original color is 229, 206, 255, and 119, 101, 168 is the 20% darker color. If you saturate the color by 10%, you get 157, 130, 224, and if you desaturate by 10%, it is 189, 174, 224.

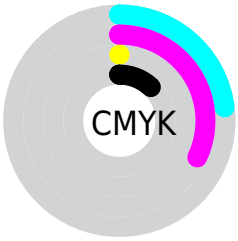
Distribution



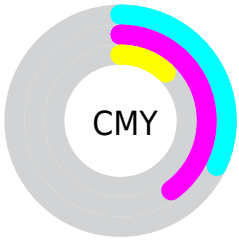
- Red (68%)
- Green (60%)
- Blue (88%)



- Red (68%)
- Yellow (60%)
- Blue (88%)



- Cyan (23%)
- Magenta (32%)
- Yellow (0%)
- Black (12%)



- Cyan (32%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 152, 224 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 173, 152, 224 by changing the saturation by 10% instead.

173, 152, 224

255, 255, 255

229, 206, 255

255, 235, 255

173, 152, 224

146, 126, 196

119, 101, 168

93, 77, 142

68, 54, 116

43, 32, 91

17, 12, 67

0, 0, 45

0, 1, 23

0, 0, 0

173, 152, 224	173, 152, 224
157, 130, 224	189, 174, 224
141, 107, 224	205, 197, 224
125, 85, 224	221, 219, 224
110, 62, 224	236, 242, 224
94, 40, 224	252, 255, 224
78, 18, 224	255, 255, 224
65, 0, 224	

Harmonies

Analogous

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

115, 165, 236

173, 152, 224

213, 140, 196

Triad

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

173, 152, 224

213, 150, 98

32, 182, 167

Complementary

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

173, 152, 224

203, 224, 152

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.

98, 180, 130

173, 152, 224

182, 163, 89

Square

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

173, 152, 224

231, 138, 125

144, 173, 101

0, 181, 203

Rectangle

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

173, 152, 224

228, 135, 172

144, 173, 101

59, 182, 154

Sweetspot

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

173, 152, 224

237, 230, 255

152, 204, 224

117, 112, 128

0, 0, 0

128, 128, 128

Same Dimension

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

173, 152, 224

185, 156, 255

208, 152, 224

104, 101, 112

51, 0, 176

14, 0, 48

Inverse Universe

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

224, 152, 203

255, 156, 226

168, 224, 152

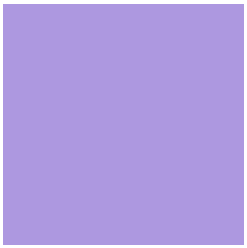
112, 101, 109

176, 0, 125

48, 0, 34

Previews

White Background

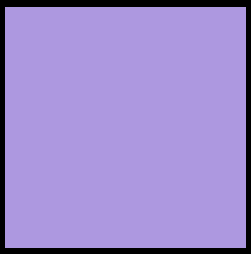


This preview shows how the RGB color 173, 152, 224 looks on a white background.

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



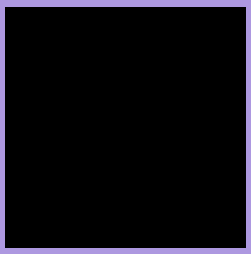
This preview shows how the RGB color 173, 152, 224 looks on a black background.

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 173, 152, 224 Background



This preview shows how black text looks on a background with the RGB color 173, 152, 224.

This preview shows how white text looks on a background with the RGB color 173, 152, 224.

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

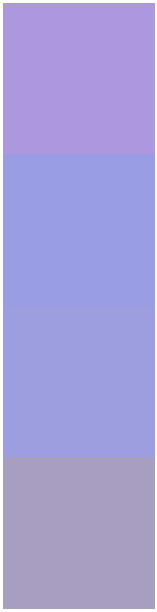
Original Color
173, 152, 224

Protanopia
141, 161, 231

Deuteranopia
146, 161, 222

Tritanopia
164, 162, 175

Trichromacy



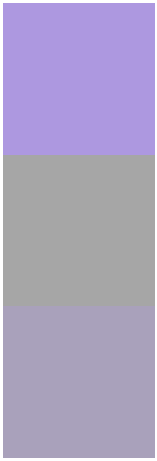
Original Color
173, 152, 224

Protanomaly
153, 158, 228

Deuteranomaly
156, 158, 223

Tritanomaly
167, 158, 193

Monochromacy



Original Color
173, 152, 224

Achromatopsia
166, 166, 166

Achromatomaly
169, 161, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 152, 224 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(173, 152, 224) looks like.

```
.text, #text, p{
    color:rgb(173, 152, 224)
}
```

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(173, 152, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 152, 224) }
```

Border

The CSS property to change the border of an element to RGB 173, 152, 224 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(173, 152, 224) }
```

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

```
.border{ border-color:rgb(173, 152, 224) }
```

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

Here you see how a box with a 4 pixel rgb(173, 152, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 152, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 152, 224); box-shadow:4px 4px 4px 4px rgb(173, 152, 224) }
```

Background

The CSS property to change the background color of an element to RGB 173, 152, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(173, 152, 224) }
```

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

```
.background{ background-color:rgb(173,
152, 224) }
```

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