Converting Colors

RYB(220, 168, 173)

Have a look what the booklet for RYB(220, 168, 173) contains.

Color

RYB(220, 168, 173)

Conversions

Conversions Part 1

Format	Color
Hex	DCA8AD
RGB	220, 168, 173
RGB Percent	86%, 66%, 68%
CMY	0.1373, 0.3412, 0.3216
CMYK	0.00, 0.24, 0.21, 0.14
HSL	354°, 43%, 76%
HSV	354°, 24%, 86%
XYZ	51.0607, 46.2380, 45.7688
YIQ	184.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

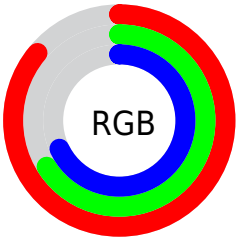
Format	Color
RYB	220, 168, 173
Decimal	14461101
CIELab	73.70, 19.82, 4.84
CIELCh	74, 20.406, 13.708
Yxy	46.2380, 0.3569, 0.3232
Android (android.graphics.Color)	4292651181 (0xFFDCA8AD)
YUV	184.1180, -5.4812, 31.4685
Hunter-Lab	67.9986, 15.0396, 7.6918

Details

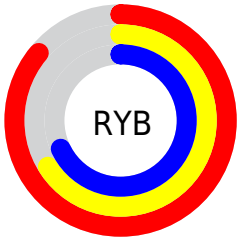
The RYB color 220, 168, 173 is a light color, and the websafe version is hex CC9999. A complement of this color would be 168, 195, 220, and the grayscale version is 184, 184, 184.

A 20% lighter version of the original color is 255, 223, 228, and 164, 116, 121 is the 20% darker color. If you saturate the color by 10%, you get 220, 146, 153, and if you desaturate by 10%, it is 220, 190, 193.

Distribution

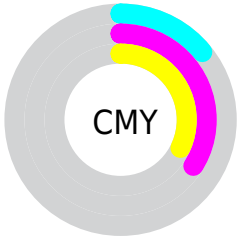


- Red (86%)
- Green (66%)
- Blue (68%)



- Red (86%)
- Yellow (66%)
- Blue (68%)

- Cyan (0%)
- Magenta (24%)
- Yellow (21%)
- Black (14%)



- Cyan (14%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 168, 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 RYB color 220, 168, 173 by changing the saturation by 10% instead.

220, 168, 173

255, 255, 255

255, 223, 228

255, 252, 255

220, 168, 173

192, 141, 146

164, 116, 121

137, 91, 96

111, 67, 72

86, 44, 50

61, 22, 29

40, 0, 3

0, 0, 0

220, 168, 173

220, 168, 173

220, 146, 153

220, 124, 133

220, 102, 113

220, 80, 93

220, 58, 74

220, 36, 54

220, 14, 34

220, 0, 21

220, 190, 193

220, 212, 213

220, 227, 234

220, 238, 255

220, 238, 255

Harmonies

Analogous

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

212, 169, 192

220, 168, 173

217, 176, 156

Triad

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

220, 168, 173

154, 188, 177

147, 172, 216

Complementary

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

220, 168, 173

168, 195, 220

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.

132, 165, 206

220, 168, 173

145, 175, 191

Square

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

220, 168, 173

149, 187, 145

132, 163, 192

171, 179, 217

Rectangle

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

220, 168, 173

210, 193, 148

132, 163, 192

141, 170, 214

Sweetspot

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

220, 168, 173

255, 237, 239

215, 168, 220

128, 117, 118

0, 0, 0

128, 128, 128

Same Dimension

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

220, 168, 173

255, 184, 190

220, 203, 168

110, 99, 100

173, 0, 17

46, 0, 4

Inverse Universe

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

220, 168, 173

255, 184, 190

168, 187, 220

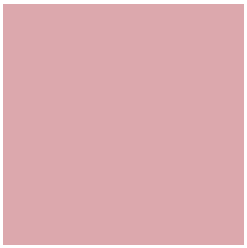
110, 99, 100

173, 0, 17

46, 0, 4

Previews

White Background

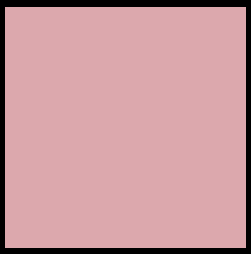


This preview shows how the RYB color 220, 168, 173 looks on a white background.

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



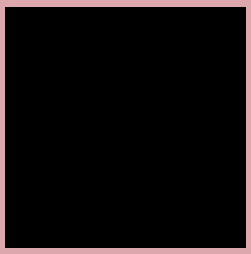
This preview shows how the RYB color 220, 168, 173 looks on a black background.

Color Contrast Check

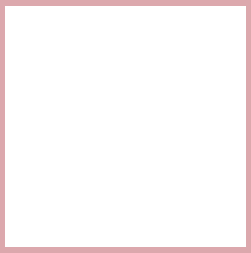
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 220, 168, 173 Background



This preview shows how black text looks on a background with the RYB color 220, 168, 173.



This preview shows how white text looks on a background with the RYB color 220, 168, 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

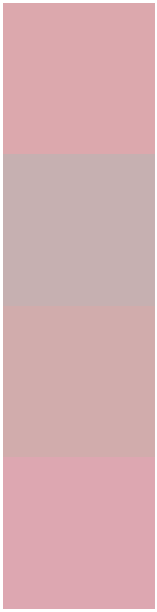
Original Color
220, 168, 173

Protanopia
185, 181, 180

Deuteranopia
203, 175, 172

Tritanopia
221, 167, 180

Trichromacy



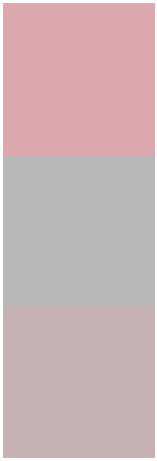
Original Color
220, 168, 173

Protanomaly
198, 176, 177

Deuteranomaly
209, 172, 172

Tritanomaly
221, 167, 177

Monochromacy



Original Color
220, 168, 173

Achromatopsia
184, 184, 184

Achromatomaly
197, 178, 180

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 168, 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(220, 168, 173) looks like.

```
.text, #text, p{
    color:rgb(220, 168, 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(220, 168, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 168, 173) }
```

Border

The CSS property to change the border of an element to RYB 220, 168, 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(220, 168, 173) }
```

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

```
.border{ border-color:rgb(220, 168, 173) }
```

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

Here you see how a box with a 4 pixel rgb(220, 168, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 168, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 168, 173); box-shadow:4px 4px 4px 4px rgb(220, 168, 173) }
```

Background

The CSS property to change the background color of an element to RYB 220, 168, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 168, 173) }
```

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

```
.background{ background-color:rgb(220,
168, 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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