Converting Colors

RYB(220, 169, 221)

Have a look what the booklet for RYB(220, 169, 221) contains.

Color

RYB(220, 169, 221)

Conversions

Conversions Part 1

Format	Color
Hex	DCA9DD
RGB	220, 169, 221
RGB Percent	86%, 66%, 87%
CMY	0.1373, 0.3373, 0.1333
CMYK	0.00, 0.24, 0.00, 0.13
HSL	299°, 43%, 76%
HSV	299°, 24%, 87%
XYZ	56.7543, 48.8120, 74.8370
YIQ	190.1770, 13.7040, 26.9840

Conversions

Conversions Part 2

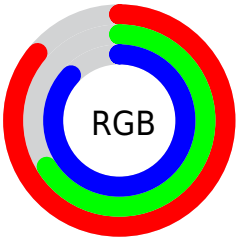
Format	Color
RYB	220, 169, 221
Decimal	14461405
CIELab	75.33, 27.36, -19.03
CIELCh	75, 33.325, 325.180
Yxy	48.8120, 0.3146, 0.2706
Android (android.graphics.Color)	4292651485 (0xFFDCA9DD)
YUV	190.1770, 15.1957, 26.1548
Hunter-Lab	69.8656, 22.7371, -14.6029

Details

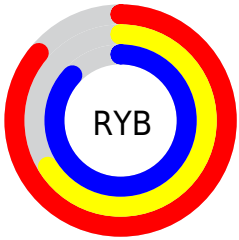
The RYB color 220, 169, 221 is a light color, and the websafe version is hex CC99CC. A complement of this color would be 169, 221, 220, and the grayscale version is 190, 190, 190.

A 20% lighter version of the original color is 255, 225, 255, and 164, 116, 166 is the 20% darker color. If you saturate the color by 10%, you get 220, 147, 221, and if you desaturate by 10%, it is 220, 191, 221.

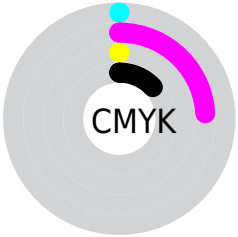
Distribution



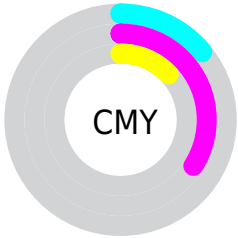
- Red (86%)
- Green (66%)
- Blue (87%)



- Red (86%)
- Yellow (66%)
- Blue (87%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (14%)
- Magenta (34%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 220, 169, 221 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, 169, 221 by changing the saturation by 10% instead.

220, 169, 221

255, 255, 255

255, 225, 255

255, 253, 255

220, 169, 221

192, 142, 193

164, 116, 166

138, 91, 139

112, 67, 114

87, 44, 89

62, 21, 66

40, 0, 43

6, 0, 22

0, 0, 0

220, 169, 221

220, 147, 221

219, 125, 221

219, 103, 221

218, 81, 221

218, 58, 221

217, 36, 221

217, 14, 221

217, 0, 221

220, 169, 221

220, 191, 221

221, 213, 221

221, 235, 235

221, 255, 254

221, 255, 253

221, 255, 252

Harmonies

Analogous

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

183, 179, 241

220, 169, 221

242, 163, 192

Triad

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

220, 169, 221

170, 212, 124

85, 146, 211

Complementary

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

220, 169, 221

169, 221, 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.

109, 162, 202

220, 169, 221

129, 192, 141

Square

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

220, 169, 221

235, 193, 136

144, 194, 199

96, 155, 235

Rectangle

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

220, 169, 221

247, 163, 171

144, 194, 199

90, 146, 202

Sweetspot

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

220, 169, 221

255, 237, 255

169, 171, 221

127, 117, 128

0, 0, 0

128, 128, 128

Same Dimension

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

220, 169, 221

254, 184, 255

221, 169, 197

109, 99, 110

170, 0, 173

45, 0, 46

Inverse Universe

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

221, 169, 170

255, 184, 185

169, 205, 221

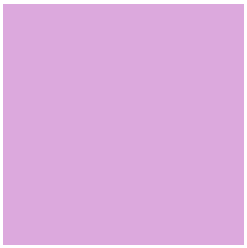
110, 99, 99

173, 0, 3

46, 0, 1

Previews

White Background

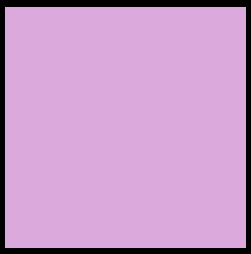


This preview shows how the RYB color 220, 169, 221 looks on a white background.

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



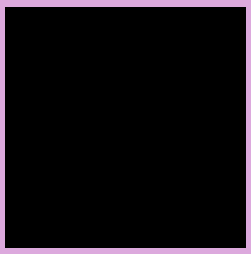
This preview shows how the RYB color 220, 169, 221 looks on a black background.

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, 169, 221 Background



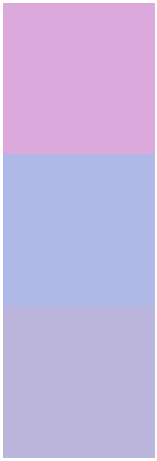
This preview shows how black text looks on a background with the RYB color 220, 169, 221.

This preview shows how white text looks on a background with the RYB color 220, 169, 221.

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



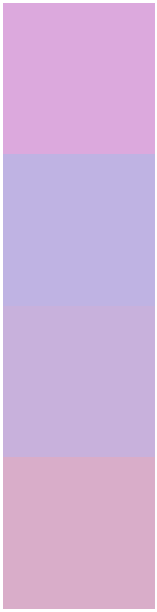
Original Color
220, 169, 221

Protanopia
175, 183, 231

Deuteranopia
188, 181, 219

Tritanopia
215, 175, 189

Trichromacy



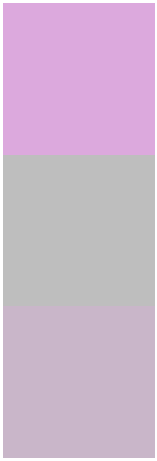
Original Color
220, 169, 221

Protanomaly
191, 179, 227

Deuteranomaly
200, 177, 220

Tritanomaly
217, 173, 201

Monochromacy



Original Color
220, 169, 221

Achromatopsia
190, 190, 190

Achromatomaly
201, 182, 201

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 169, 221 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, 169, 221) looks like.

```
.text, #text, p{
    color:rgb(220, 169, 221)
}
```

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, 169, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 169, 221) }
```

Border

The CSS property to change the border of an element to RYB 220, 169, 221 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, 169, 221) }
```

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

```
.border{ border-color:rgb(220, 169, 221) }
```

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

Here you see how a box with a 4 pixel rgb(220, 169, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 169, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 169, 221); box-shadow:4px 4px 4px 4px rgb(220, 169, 221) }
```

Background

The CSS property to change the background color of an element to RYB 220, 169, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(220, 169, 221) }
```

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

```
.background{ background-color:rgb(220,
169, 221) }
```

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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