

Converting Colors

`RYB(220, 155, 204)`

Have a look what the booklet for
RYB(220, 155, 204) contains.

RYB(220, 155, 204)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(220, 155, 204)

Conversions

Conversions Part 1

Format	Color
Hex	DC9BCC
RGB	220, 155, 204
RGB Percent	86%, 61%, 80%
CMY	0.1373, 0.3922, 0.2000
CMYK	0.00, 0.30, 0.07, 0.14
HSL	315°, 48%, 74%
HSV	315°, 30%, 86%
XYZ	52.1356, 43.0180, 62.6822
YIQ	180.0210, 23.0110, 29.0190

Conversions

Conversions Part 2

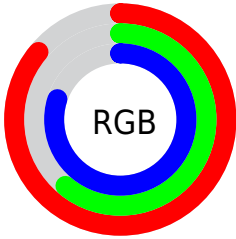
Format	Color
R _Y B	220, 155, 204
Decimal	14457804
CIE Lab	71.57, 31.85, -15.40
CIE LCh	72, 35.376, 334.197
Yxy	43.0180, 0.3303, 0.2725
Android (android.graphics.Color)	4292647884 (0xFFDC9BCC)
YUV	180.0210, 11.8216, 35.0616
Hunter-Lab	65.5881, 27.1096, -10.7515

Details

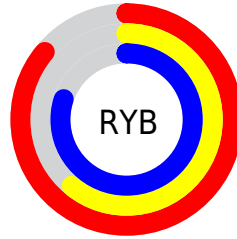
The RYB color **220, 155, 204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **155, 207, 220**, and the grayscale version is **180, 180, 180**.

A 20% lighter version of the original color is **255, 210, 255**, and **164, 103, 150** is the 20% darker color. If you saturate the color by 10%, you get **220, 133, 199**, and if you desaturate by 10%, it is **220, 177, 209**.

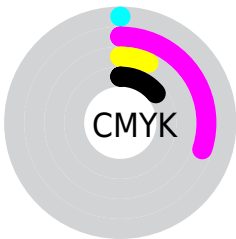
Distribution



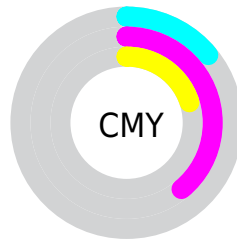
- Red (86%)
- Green (61%)
- Blue (80%)



- Red (86%)
- Yellow (61%)
- Blue (80%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (14%)





- Cyan (14%)
- Magenta (39%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the RYB color 220, 155, 204 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, 155, 204 by changing the saturation by 10% instead.

 220, 155, 204

 220, 155, 204

255, 255, 255


 192, 129, 177

 255, 210, 255


 164, 103, 150

 255, 239, 255

 137, 78, 124

 111, 54, 99

 86, 30, 75


 61, 5, 52


 40, 0, 31


 0, 0, 2


 0, 0, 0


 220, 155, 204


 220, 155, 204

 220, 133, 199


 220, 177, 209

 220, 111, 193


 220, 199, 215

 220, 89, 188


 220, 221, 221

 220, 67, 182

 220, 238, 243

 220, 45, 177

 220, 247, 255

 220, 23, 172

 220, 244, 255

 220, 1, 166

 220, 241, 255

 220, 0, 166

 220, 240, 255

 220, 238, 255

Harmonies

Analogous

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



185, 165, 229



220, 155, 204



237, 151, 172

Triad

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



220, 155, 204



133, 193, 110



57, 129, 210

Complementary

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



220, 155, 204



155, 207, 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.



80, 140, 193



220, 155, 204



121, 184, 147

Square

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



220, 155, 204



220, 202, 118



120, 171, 190



86, 146, 233

Rectangle

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



220, 155, 204



239, 152, 150



120, 171, 190



60, 128, 201

Sweetspot

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



220, 155, 204



255, 232, 249



170, 155, 220



128, 113, 124



0, 0, 0



128, 128, 128

Same Dimension

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



220, 155, 204



255, 166, 233



220, 155, 172



110, 99, 107



173, 0, 131



46, 0, 35

Inverse Universe

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



220, 155, 204



255, 166, 233



155, 192, 220



110, 99, 107



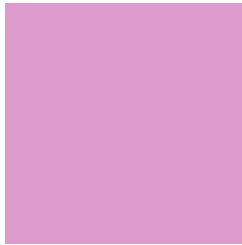
173, 0, 131



46, 0, 35

Previews

White Background



This preview shows how the RYB color 220, 155, 204 looks on a white background.

Color Contrast Check

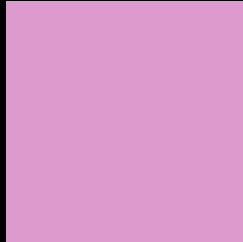
Large Text (above 18pt) WCAG AA × Fail

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, 155, 204 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, 155, 204 Background



This preview shows how black text looks on a background with the RYB color 220, 155, 204.

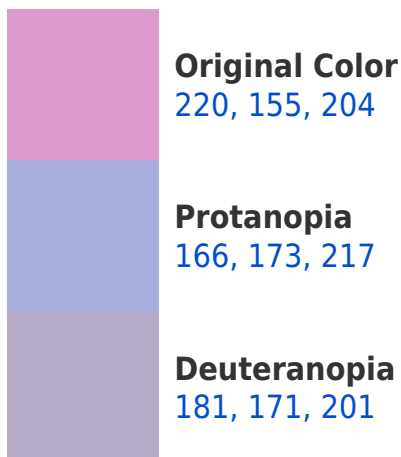



This preview shows how white text looks on a background with the RYB color 220, 155, 204.

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





Tritanopia
216, 161, 173

Trichromacy



Original Color

220, 155, 204



Protanomaly

186, 167, 212



Deuteranomaly

195, 165, 202



Tritanomaly

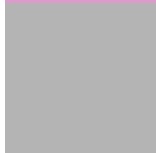
217, 159, 184

Monochromacy



Original Color

220, 155, 204



Achromatopsia

180, 180, 180



Achromatomaly

195, 171, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 220, 155, 204 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, 155, 204) looks like.

```
.text, #text, p{  
    color:rgb(220, 155, 204)  
}
```

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, 155, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 155, 204) }
```

Border

The CSS property to change the border of an element to RYB 220, 155, 204 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, 155, 204) }
```

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

```
.border{ border-color:rgb(220, 155, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 155, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 155, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 155, 204);  
box-shadow:4px 4px 4px 4px rgb(220, 155,  
204) }
```

Background

The CSS property to change the background color of an element to RYB 220, 155, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 155, 204) }
```

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

```
.background{ background-color: rgb(220,  
155, 204) }
```

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