

Converting Colors

`RYB(204, 141, 172)`

Have a look what the booklet for
RYB(204, 141, 172) contains.

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Color

R_YB(204, 141, 172)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CC8DAC |
| RGB | 204, 141, 172 |
| RGB Percent | 80%, 55%, 67% |
| CMY | 0.2000, 0.4471, 0.3255 |
| CMYK | 0.00, 0.31, 0.16, 0.20 |
| HSL | 330°, 38%, 68% |
| HSV | 330°, 31%, 80% |
| XYZ | 41.8731, 34.8657, 43.5525 |
| YIQ | 163.3710, 27.5970, 22.9970 |

Conversions

Conversions Part 2

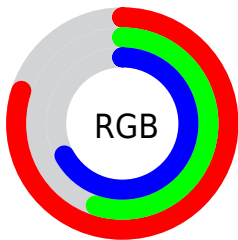
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 204, 141, 172 |
| Decimal | 13405612 |
| CIE Lab | 65.64, 28.54, -6.60 |
| CIE LCh | 66, 29.293, 346.989 |
| Yxy | 34.8657, 0.3481, 0.2898 |
| Android (android.graphics.Color) | 4291595692 (0xFFCC8DAC) |
| YUV | 163.3710, 4.2541, 35.6316 |
| Hunter-Lab | 59.0472, 23.2502, -2.3986 |

Details

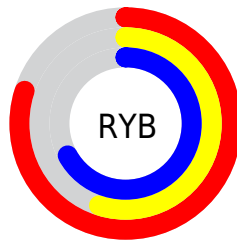
The RYB color **204, 141, 172** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **141, 183, 204**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **255, 195, 227**, and **149, 90, 120** is the 20% darker color. If you saturate the color by 10%, you get **204, 121, 162**, and if you desaturate by 10%, it is **204, 161, 182**.

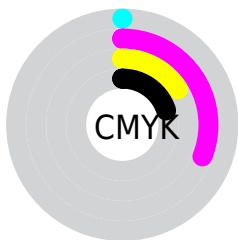
Distribution



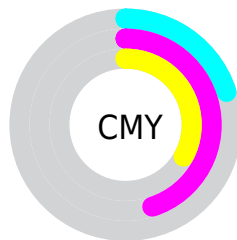
- Red (80%)
- Green (55%)
- Blue (67%)



- Red (80%)
- Yellow (55%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (16%)
- Black (20%)




- Cyan (20%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 141, 172 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 204, 141, 172 by changing the saturation by 10% instead.

 204, 141, 172

 204, 141, 172

255, 255, 255

 176, 115, 145

 255, 195, 227


 149, 90, 120

 255, 223, 255

 122, 66, 95

 255, 252, 255

 96, 42, 71


 71, 19, 49


 48, 0, 28

 21, 0, 0


 0, 0, 0

 204, 141, 172

 204, 141, 172

 204, 121, 162

 204, 161, 182

 204, 100, 151

 204, 182, 193

 204, 80, 141


 204, 202, 203

 204, 59, 131

 204, 217, 223

 204, 39, 120

 204, 230, 243

 204, 19, 110

 204, 236, 255

 204, 0, 100

 204, 232, 255

 204, 230, 255

Harmonies

Analogous

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



181, 148, 195



204, 141, 172



212, 140, 145

Triad

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



204, 141, 172



109, 163, 109



78, 130, 197

Complementary

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



204, 141, 172



141, 183, 204

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.



78, 126, 174



204, 141, 172



123, 169, 159

Square

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



204, 141, 172



169, 188, 109



102, 145, 173



108, 145, 210

Rectangle

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



204, 141, 172



209, 146, 129



102, 145, 173



74, 127, 190

Sweetspot

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



204, 141, 172



255, 232, 243



173, 141, 204



128, 113, 120



0, 0, 0



128, 128, 128

Same Dimension

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



204, 141, 172



255, 161, 207



204, 141, 141



102, 92, 97



166, 0, 82



38, 0, 19

Inverse Universe

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



204, 141, 172



255, 161, 207



141, 173, 204



102, 92, 97



166, 0, 82



38, 0, 19

Previews

White Background



This preview shows how the RYB color 204, 141, 172 looks on a white background.

Color Contrast Check

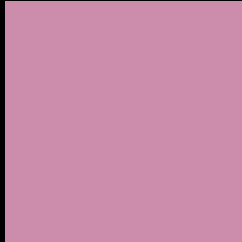
Large Text (above 18pt) WCAG AA × Fail

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 204, 141, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

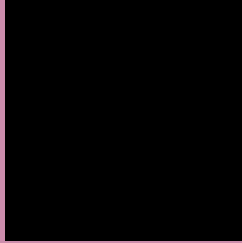
Any Text WCAG AA ✓ Pass

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 204, 141, 172 Background



This preview shows how black text looks on a background with the RYB color 204, 141, 172.

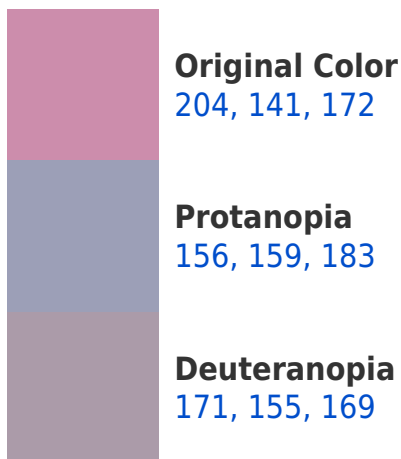


This preview shows how white text looks on a background with the RYB color 204, 141, 172.

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
202, 144, 155

Trichromacy



Original Color
204, 141, 172

Protanomaly
173, 152, 179

Deuteranomaly
183, 150, 170

Tritanomaly
203, 143, 161

Monochromacy



Original Color
204, 141, 172

Achromatopsia
163, 163, 163

Achromatomaly
178, 155, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 141, 172 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(204, 141, 172) looks like.

```
.text, #text, p{  
    color:rgb(204, 141, 172)  
}
```

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(204, 141, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 141, 172) }
```

Border

The CSS property to change the border of an element to RYB 204, 141, 172 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(204, 141, 172) }
```

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

```
.border{ border-color:rgb(204, 141, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 141, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 141, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 141, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 141,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 204, 141, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 141, 172) }
```

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

```
.background{ background-color: rgb(204,  
141, 172) }
```

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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