

Converting Colors

`RYB(204, 135, 153)`

Have a look what the booklet for
RYB(204, 135, 153) contains.

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Color

R_YB(204, 135, 153)

Conversions

Conversions Part 1

Format	Color
Hex	CC8799
RGB	204, 135, 153
RGB Percent	80%, 53%, 60%
CMY	0.2000, 0.4706, 0.4000
CMYK	0.00, 0.34, 0.25, 0.20
HSL	344°, 40%, 66%
HSV	344°, 34%, 80%
XYZ	39.3156, 32.4652, 34.3312
YIQ	157.6830, 35.3460, 20.2260

Conversions

Conversions Part 2

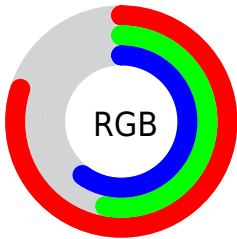
Format	Color
R_{YB}	204, 135, 153
Decimal	13404057
CIE _{Lab}	63.73, 28.90, 1.33
CIE _{LCh}	64, 28.931, 2.639
Yxy	32.4652, 0.3705, 0.3060
Android (android.graphics.Color)	4291594137 (0xFFCC8799)
YUV	157.6830, -2.3087, 40.6200
Hunter-Lab	56.9783, 23.4549, 4.1606

Details

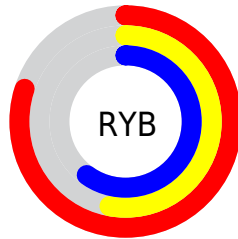
The RYB color **204, 135, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **135, 175, 204**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 189, 207**, and **148, 84, 102** is the 20% darker color. If you saturate the color by 10%, you get **204, 115, 138**, and if you desaturate by 10%, it is **204, 155, 168**.

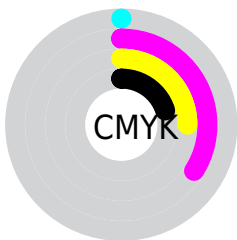
Distribution



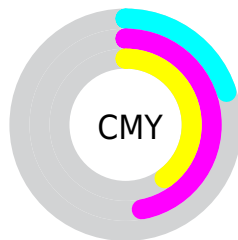
- Red (80%)
- Green (53%)
- Blue (60%)



- Red (80%)
- Yellow (53%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (25%)
- Black (20%)




- Cyan (20%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 135, 153 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, 135, 153 by changing the saturation by 10% instead.

 204, 135, 153

 204, 135, 153


255, 255, 255

 176, 109, 127

 255, 189, 207

 148, 84, 102

 255, 217, 235

 121, 60, 78

 255, 246, 255


 95, 36, 55


 70, 12, 34


 47, 0, 12

 5, 0, 0


 0, 0, 0

 204, 135, 153


 204, 135, 153


 204, 115, 138

 204, 155, 168

 204, 94, 123

 204, 176, 183

 204, 74, 108

 204, 196, 198

 204, 53, 93

 204, 212, 217

 204, 33, 78

 204, 223, 237

 204, 13, 63

 204, 233, 255

 204, 0, 53

 204, 230, 255

Harmonies

Analogous

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



189, 139, 179



204, 135, 153



204, 138, 128

Triad

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



204, 135, 153



110, 161, 128



87, 132, 199

Complementary

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



204, 135, 153



135, 175, 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.



69, 122, 181



204, 135, 153



112, 153, 166

Square

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



204, 135, 153



126, 170, 103



84, 130, 169



124, 147, 205

Rectangle

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



204, 135, 153



197, 156, 114



84, 130, 169



77, 127, 195

Sweetspot

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



204, 135, 153



255, 230, 236



186, 135, 204



128, 112, 116



0, 0, 0



128, 128, 128

Same Dimension

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



204, 135, 153



255, 150, 178



204, 156, 135



102, 92, 94



166, 0, 43



38, 0, 10

Inverse Universe

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



204, 135, 153



255, 150, 178



135, 165, 204



102, 92, 94



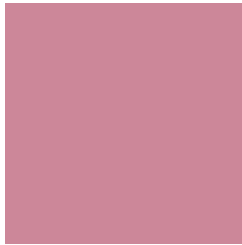
166, 0, 43



38, 0, 10

Previews

White Background



This preview shows how the RYB color 204, 135, 153 looks on a white background.

Color Contrast Check

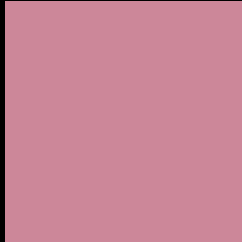
Large Text (above 18pt) WCAG AA × Fail

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, 135, 153 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, 135, 153 Background



This preview shows how black text looks on a background with the RYB color 204, 135, 153.



This preview shows how white text looks on a background with the RYB color 204, 135, 153.

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
204, 135, 153

Protanopia
155, 154, 164

Deuteranopia
171, 150, 150



Tritanopia
203, 136, 146

Trichromacy



Original Color
204, 135, 153

Protanomaly
173, 147, 160

Deuteranomaly
183, 145, 151

Tritanomaly
203, 136, 149

Monochromacy



Original Color
204, 135, 153

Achromatopsia
158, 158, 158

Achromatomaly
175, 150, 156

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 135, 153 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, 135, 153) looks like.

```
.text, #text, p{  
    color:rgb(204, 135, 153)  
}
```

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, 135, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 135, 153) }
```

Border

The CSS property to change the border of an element to RYB 204, 135, 153 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, 135, 153) }
```

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

```
.border{ border-color:rgb(204, 135, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 135, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 135, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 135, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 135,  
153) }
```

Background

The CSS property to change the background color of an element to RGB 204, 135, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 135, 153) }
```

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

```
.background{ background-color: rgb(204,  
135, 153) }
```

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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