

Converting Colors

`RYB(207, 104, 134)`

Have a look what the booklet for
RYB(207, 104, 134) contains.

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Color

R_YB(207, 104, 134)

Conversions

Conversions Part 1

Format	Color
Hex	CF6886
RGB	207, 104, 134
RGB Percent	81%, 41%, 53%
CMY	0.1882, 0.5922, 0.4745
CMYK	0.00, 0.50, 0.35, 0.19
HSL	343°, 52%, 61%
HSV	343°, 50%, 81%
XYZ	34.9855, 24.8873, 25.5140
YIQ	138.2170, 51.7580, 31.1660

Conversions

Conversions Part 2

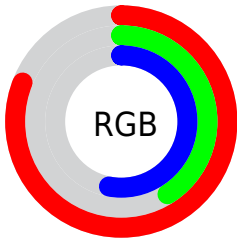
Format	Color
R_{YB}	207, 104, 134
Decimal	13592710
CIE _{Lab}	56.97, 43.83, 2.50
CIE _{LCh}	57, 43.898, 3.265
Yxy	24.8873, 0.4097, 0.2915
Android (android.graphics.Color)	4291782790 (0xFFCF6886)
YUV	138.2170, -2.0790, 60.3227
Hunter-Lab	49.8871, 37.8784, 4.5980

Details

The RYB color **207, 104, 134** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **104, 164, 207**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **255, 158, 187**, and **149, 52, 85** is the 20% darker color. If you saturate the color by 10%, you get **207, 83, 119**, and if you desaturate by 10%, it is **207, 125, 149**.

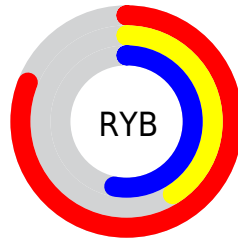
Distribution



Red (81%)

Green (41%)

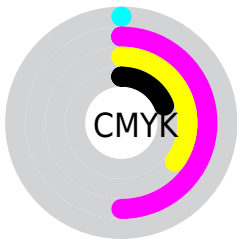
Blue (53%)



Red (81%)

Yellow (41%)

Blue (53%)

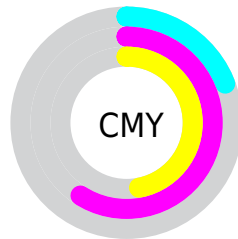


Cyan (0%)

Magenta (50%)

Yellow (35%)

Black (19%)



Cyan (19%)

Magenta (59%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 104, 134 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 207, 104, 134 by changing the saturation by 10% instead.

 207, 104, 134

255, 255, 255

 255, 158, 187

 255, 185, 215

 255, 214, 243

 255, 243, 255

 207, 104, 134

 178, 78, 109

 149, 52, 85

 122, 24, 62

 94, 0, 40


 67, 0, 19


 43, 0, 1

 0, 0, 0

 207, 104, 134

 207, 83, 119


 207, 104, 134

 207, 125, 149


 207, 63, 105

 207, 145, 163

 207, 42, 90

 207, 166, 178

 207, 21, 75

 207, 187, 193

 207, 1, 61

 207, 208, 208

 207, 0, 60

 207, 219, 228

 207, 232, 249

 207, 232, 255

 207, 231, 255

Harmonies

Analogous

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



187, 111, 172



207, 104, 134



205, 111, 97

Triad

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



207, 104, 134



70, 147, 101



0, 86, 204

Complementary

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



207, 104, 134



104, 164, 207

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.



0, 83, 178



207, 104, 134



64, 127, 153

Square

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



207, 104, 134



81, 155, 57



0, 82, 156



75, 119, 213

Rectangle

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



207, 104, 134



194, 141, 76



0, 82, 156



0, 86, 197

Sweetspot

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



207, 104, 134



255, 217, 228



176, 104, 207



128, 105, 111



0, 0, 0



128, 128, 128

Same Dimension

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



207, 104, 134



255, 102, 147



207, 130, 104



105, 94, 97



168, 0, 49



41, 0, 12

Inverse Universe

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



207, 104, 134



255, 102, 147



104, 150, 207



105, 94, 97



168, 0, 49



41, 0, 12

Previews

White Background



This preview shows how the RYB color 207, 104, 134 looks on a white background.

Color Contrast Check

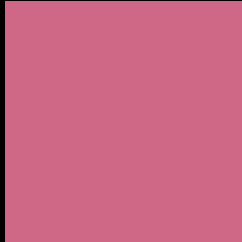
Large Text (above 18pt) WCAG AA ✓ Pass

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 207, 104, 134 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 207, 104, 134 Background



This preview shows how black text looks on a background with the RYB color 207, 104, 134.

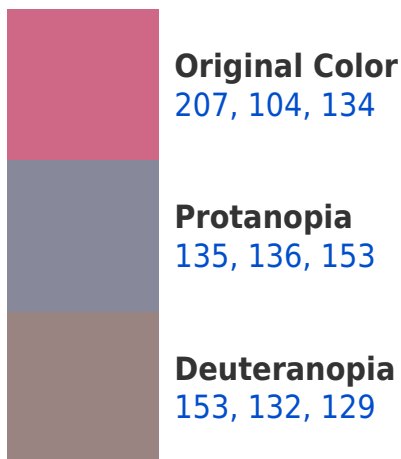



This preview shows how white text looks on a background with the RYB color 207, 104, 134.

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
205, 107, 115

Trichromacy



Original Color
207, 104, 134

Protanomaly
161, 124, 146

Deuteranomaly
173, 122, 131

Tritanomaly
206, 106, 122

Monochromacy



Original Color
207, 104, 134

Achromatopsia
138, 138, 138

Achromatomaly
163, 126, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 104, 134 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(207, 104, 134) looks like.

```
.text, #text, p{  
    color:rgb(207, 104, 134)  
}
```

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(207, 104, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 104, 134) }
```

Border

The CSS property to change the border of an element to RYB 207, 104, 134 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(207, 104, 134) }
```

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

```
.border{ border-color:rgb(207, 104, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 104, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 104, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 104, 134);  
box-shadow:4px 4px 4px 4px rgb(207, 104,  
134) }
```

Background

The CSS property to change the background color of an element to RGB 207, 104, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 104, 134) }
```

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

```
.background{ background-color: rgb(207,  
104, 134) }
```

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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