

Converting Colors

`RYB(204, 134, 190)`

Have a look what the booklet for
RYB(204, 134, 190) contains.

RYB(204, 134, 190)	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(204, 134, 190)

Conversions

Conversions Part 1

Format	Color
Hex	CC86BE
RGB	204, 134, 190
RGB Percent	80%, 53%, 75%
CMY	0.2000, 0.4745, 0.2549
CMYK	0.00, 0.34, 0.07, 0.20
HSL	312°, 41%, 66%
HSV	312°, 34%, 80%
XYZ	42.7212, 33.6053, 52.9500
YIQ	161.3140, 23.7440, 32.2560

Conversions

Conversions Part 2

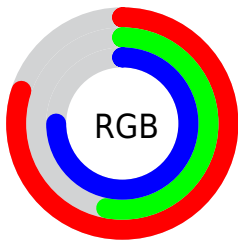
Format	Color
R_{YB}	204, 134, 190
Decimal	13403838
CIE _{Lab}	64.65, 35.38, -18.23
CIE _{LCh}	65, 39.804, 332.744
Yxy	33.6053, 0.3305, 0.2599
Android (android.graphics.Color)	4291593918 (0xFFCC86BE)
YUV	161.3140, 14.1422, 37.4356
Hunter-Lab	57.9701, 30.0985, -13.5766

Details

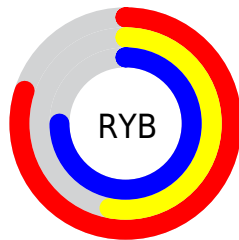
The RYB color **204, 134, 190** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **134, 192, 204**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 188, 246**, and **149, 83, 137** is the 20% darker color. If you saturate the color by 10%, you get **204, 114, 186**, and if you desaturate by 10%, it is **204, 154, 194**.

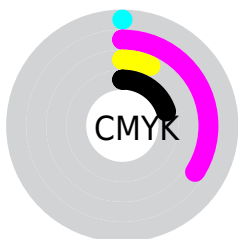
Distribution



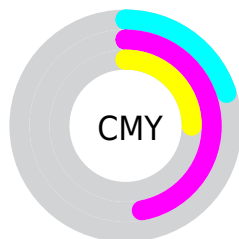
- Red (80%)
- Green (53%)
- Blue (75%)



- Red (80%)
- Yellow (53%)
- Blue (75%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (20%)




- Cyan (20%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 134, 190 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, 134, 190 by changing the saturation by 10% instead.

 204, 134, 190

 204, 134, 190


255, 255, 255

 176, 108, 163

 255, 188, 246


 149, 83, 137

 255, 216, 255

 122, 58, 111

 255, 245, 255


 96, 34, 87


 71, 7, 63


 47, 0, 41

 19, 0, 20


 0, 0, 0

 204, 134, 190

 204, 134, 190

 204, 114, 186

 204, 154, 194

 204, 93, 182

 204, 175, 198

 204, 73, 178

 204, 195, 202

 204, 52, 174

 204, 214, 216

 204, 32, 170

 204, 231, 236

 204, 12, 166

 204, 247, 255

 204, 0, 163

 204, 243, 255

 204, 241, 255

 204, 239, 255

Harmonies

Analogous

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



165, 146, 217



204, 134, 190



223, 128, 155

Triad

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



204, 134, 190



111, 176, 85



0, 92, 194

Complementary

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



204, 134, 190



134, 192, 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.



29, 106, 175



204, 134, 190



95, 166, 122

Square

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



204, 134, 190



206, 181, 94



95, 152, 173



13, 102, 219

Rectangle

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



204, 134, 190



225, 130, 131



95, 152, 173



0, 89, 183

Sweetspot

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



204, 134, 190



255, 230, 250



148, 134, 204



128, 112, 124



0, 0, 0



128, 128, 128

Same Dimension

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



204, 134, 190



255, 150, 234



204, 134, 155



102, 92, 100



166, 0, 133



38, 0, 31

Inverse Universe

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



204, 134, 190



255, 150, 234



134, 175, 204



102, 92, 100



166, 0, 133



38, 0, 31

Previews

White Background



This preview shows how the RYB color 204, 134, 190 looks on a white background.

Color Contrast Check

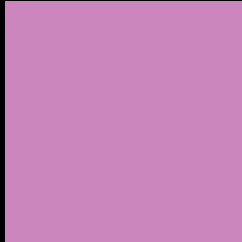
Large Text (above 18pt) WCAG AA × Fail

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, 134, 190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

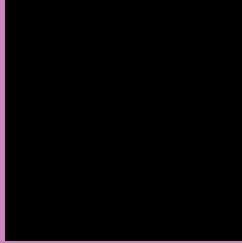
Any Text WCAG AA ✓ Pass

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, 134, 190 Background



This preview shows how black text looks on a background with the RYB color 204, 134, 190.

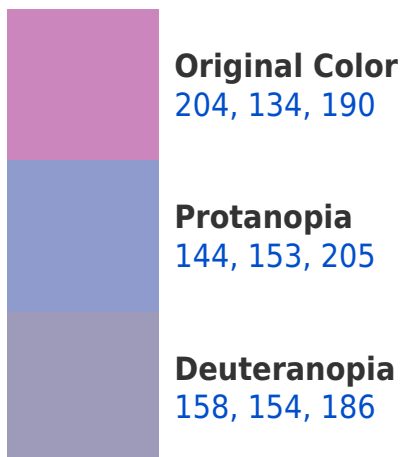



This preview shows how white text looks on a background with the RYB color 204, 134, 190.

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
199, 141, 152

Trichromacy



Original Color

204, 134, 190



Protanomaly

166, 147, 200



Deuteranomaly

175, 147, 187



Tritanomaly

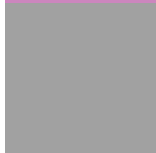
201, 138, 166

Monochromacy



Original Color

204, 134, 190



Achromatopsia

161, 161, 161



Achromatomaly

177, 151, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 134, 190 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, 134, 190) looks like.

```
.text, #text, p{  
    color:rgb(204, 134, 190)  
}
```

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, 134, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 134, 190) }
```

Border

The CSS property to change the border of an element to RYB 204, 134, 190 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, 134, 190) }
```

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

```
.border{ border-color:rgb(204, 134, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 134, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 134, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 134, 190);  
box-shadow:4px 4px 4px 4px rgb(204, 134,  
190) }
```

Background

The CSS property to change the background color of an element to RGB 204, 134, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 134, 190) }
```

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

```
.background{ background-color: rgb(204,  
134, 190) }
```

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