

Converting Colors

`RYB(194, 130, 177)`

Have a look what the booklet for
RYB(194, 130, 177) contains.

RYB(194, 130, 177)	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(194, 130, 177)

Conversions

Conversions Part 1

Format	Color
Hex	C282B1
RGB	194, 130, 177
RGB Percent	76%, 51%, 69%
CMY	0.2392, 0.4902, 0.3059
CMYK	0.00, 0.33, 0.09, 0.24
HSL	316°, 34%, 64%
HSV	316°, 33%, 76%
XYZ	38.1666, 30.6089, 45.4915
YIQ	154.4940, 23.0570, 28.1850

Conversions

Conversions Part 2

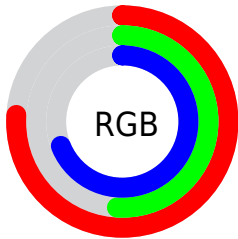
Format	Color
RYB	194, 130, 177
Decimal	12747441
CIELab	62.18, 31.91, -14.73
CIELCh	62, 35.149, 335.225
Yxy	30.6089, 0.3340, 0.2679
Android (android.graphics.Color)	4290937521 (0xFFC282B1)
YUV	154.4940, 11.0955, 34.6468
Hunter-Lab	55.3253, 26.3202, -10.0237

Details

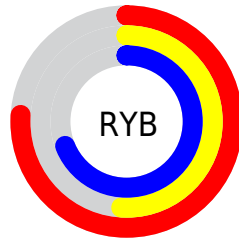
The RYB color **194, 130, 177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **130, 181, 194**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **251, 184, 233**, and **139, 79, 124** is the 20% darker color. If you saturate the color by 10%, you get **194, 111, 172**, and if you desaturate by 10%, it is **194, 149, 182**.

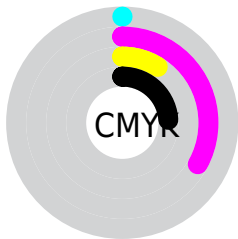
Distribution



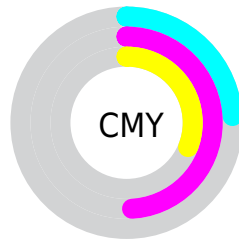
- Red (76%)
- Green (51%)
- Blue (69%)



- Red (76%)
- Yellow (51%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (9%)
- Black (24%)




- Cyan (24%)
- Magenta (49%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 130, 177 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 194, 130, 177 by changing the saturation by 10% instead.

 194, 130, 177


255, 255, 255

 251, 184, 233

 255, 212, 255

 255, 240, 255

 194, 130, 177

 166, 104, 150

 139, 79, 124

 113, 55, 99


 88, 31, 75


 63, 6, 53

 42, 0, 32

 0, 0, 3

 0, 0, 0

 194, 130, 177

 194, 130, 177

194, 111, 172

194, 149, 182

194, 91, 167

194, 169, 187

194, 72, 162

194, 188, 192

194, 52, 156

194, 205, 208

194, 33, 151

194, 220, 227

194, 14, 146

194, 235, 246

194, 0, 142

194, 241, 255

194, 238, 255

194, 235, 255

Harmonies

Analogous

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



161, 140, 201



194, 130, 177



210, 126, 146

Triad

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



194, 130, 177



106, 165, 87



0, 87, 185

Complementary

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



194, 130, 177



130, 181, 194

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.



48, 111, 167



194, 130, 177



98, 159, 125

Square

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



194, 130, 177



192, 177, 94



94, 144, 165



56, 117, 206

Rectangle

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



194, 130, 177



211, 128, 125



94, 144, 165



6, 88, 176

Sweetspot

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



194, 130, 177



252, 227, 246



146, 130, 194



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



194, 130, 177



252, 151, 226



194, 130, 146



97, 87, 94



161, 0, 118



33, 0, 24

Inverse Universe

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



194, 130, 177



252, 151, 226



130, 167, 194



97, 87, 94



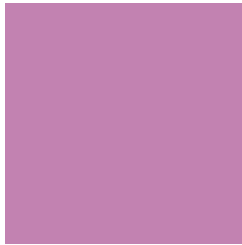
161, 0, 118



33, 0, 24

Previews

White Background



This preview shows how the RYB color 194, 130, 177 looks on a white background.

Color Contrast Check

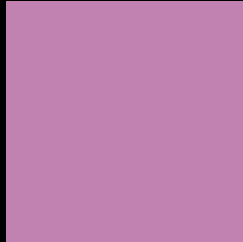
Large Text (above 18pt) WCAG AA × Fail

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 194, 130, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

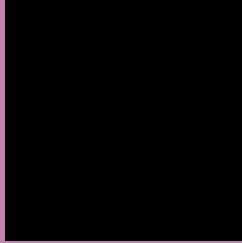
Any Text WCAG AA ✓ Pass

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 194, 130, 177 Background



This preview shows how black text looks on a background with the RYB color 194, 130, 177.

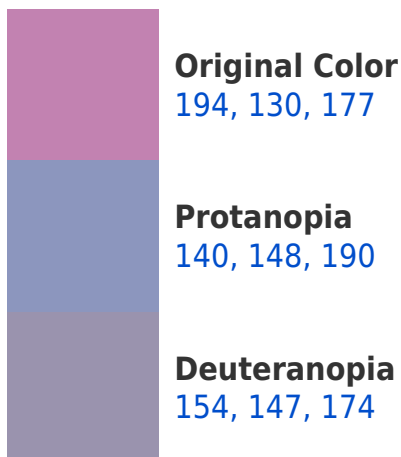



This preview shows how white text looks on a background with the RYB color 194, 130, 177.

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

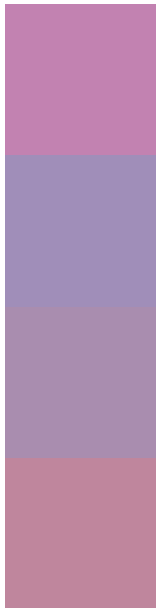




Tritanopia

190, 136, 146

Trichromacy



Original Color
194, 130, 177

Protanomaly
160, 142, 185

Deuteranomaly
169, 141, 175

Tritanomaly
191, 134, 157

Monochromacy



Original Color
194, 130, 177

Achromatopsia
154, 154, 154

Achromatomaly
169, 145, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 130, 177 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(194, 130, 177)` looks like.

```
.text, #text, p{  
  color:rgb(194, 130, 177)  
}
```

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(194, 130, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 130, 177) }
```

Border

The CSS property to change the border of an element to RYB 194, 130, 177 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(194, 130, 177) }
```

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

```
.border{ border-color:rgb(194, 130, 177) }
```

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

Here you see how a box with a 4 pixel rgb(194, 130, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 130, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 130, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 130,  
177) }
```

Background

The CSS property to change the background color of an element to RYB 194, 130, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 130, 177) }
```

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

```
.background{ background-color: rgb(194,  
130, 177) }
```

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