

Converting Colors

`RYB(194, 136, 170)`

Have a look what the booklet for
RYB(194, 136, 170) contains.

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Color

$\text{RYB}(194, 136, 170)$

Conversions

Conversions Part 1

Format	Color
Hex	C288AA
RGB	194, 136, 170
RGB Percent	76%, 53%, 67%
CMY	0.2392, 0.4667, 0.3333
CMYK	0.00, 0.30, 0.12, 0.24
HSL	325°, 32%, 65%
HSV	325°, 30%, 76%
XYZ	38.3080, 31.9799, 42.1839
YIQ	157.2180, 23.6540, 22.8700

Conversions

Conversions Part 2

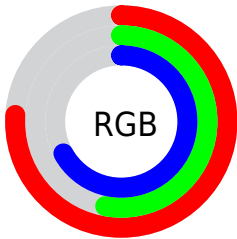
Format	Color
RYB	194, 136, 170
Decimal	12748970
CIELab	63.33, 27.41, -9.03
CIELCh	63, 28.861, 341.765
Yxy	31.9799, 0.3406, 0.2843
Android (android.graphics.Color)	4290939050 (0xFFC288AA)
YUV	157.2180, 6.3015, 32.2578
Hunter-Lab	56.5508, 21.9535, -4.6416

Details

The RYB color **194, 136, 170** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **136, 177, 194**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **251, 190, 225**, and **139, 85, 118** is the 20% darker color. If you saturate the color by 10%, you get **194, 117, 162**, and if you desaturate by 10%, it is **194, 155, 178**.

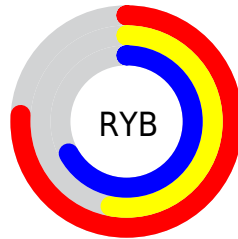
Distribution



Red (76%)

Green (53%)

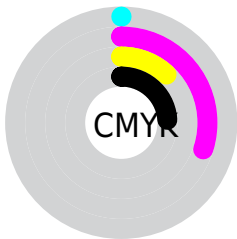
Blue (67%)



Red (76%)

Yellow (53%)

Blue (67%)

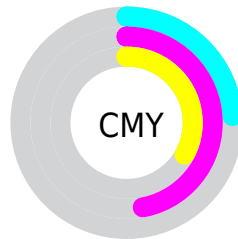


Cyan (0%)

Magenta (30%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (47%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the RYB color 194, 136, 170 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, 136, 170 by changing the saturation by 10% instead.


 194, 136, 170

255, 255, 255

 251, 190, 225

 255, 218, 254

 255, 247, 255


 194, 136, 170

 166, 110, 144

 139, 85, 118

 113, 61, 93


 88, 38, 70


 63, 15, 47

 41, 0, 27

 0, 0, 0

 194, 136, 170

 194, 117, 162


 194, 136, 170


 194, 155, 178

 194, 97, 154

 194, 175, 186

 194, 78, 146


 194, 194, 194

 194, 58, 138

 194, 208, 214

 194, 39, 130

 194, 222, 233

 194, 20, 122

 194, 235, 252

 194, 0, 114

 194, 234, 255

 194, 231, 255

 194, 228, 255

Harmonies

Analogous

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



170, 143, 192



194, 136, 170



204, 134, 144

Triad

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



194, 136, 170



110, 161, 103



70, 123, 187

Complementary

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



194, 136, 170



136, 177, 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.



76, 123, 167



194, 136, 170



114, 162, 144

Square

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



194, 136, 170



181, 185, 105



102, 144, 166



96, 136, 201

Rectangle

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



194, 136, 170



203, 137, 128



102, 144, 166



68, 120, 179

Sweetspot

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



194, 136, 170



252, 230, 243



159, 136, 194



128, 113, 122



0, 0, 0



128, 128, 128

Same Dimension

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



194, 136, 170



252, 162, 215



194, 136, 142



97, 87, 93



161, 0, 94



33, 0, 19

Inverse Universe

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



194, 136, 170



252, 162, 215



136, 167, 194



97, 87, 93



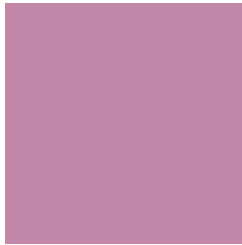
161, 0, 94



33, 0, 19

Previews

White Background



This preview shows how the RYB color 194, 136, 170 looks on a white background.

Color Contrast Check

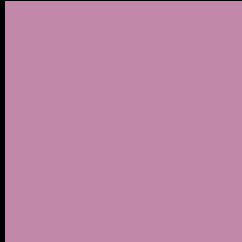
Large Text (above 18pt) WCAG AA × Fail

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, 136, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

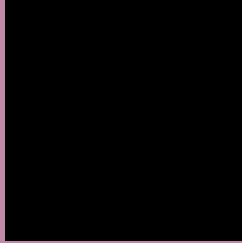
Any Text WCAG AA ✓ Pass

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, 136, 170 Background



This preview shows how black text looks on a background with the RYB color 194, 136, 170.

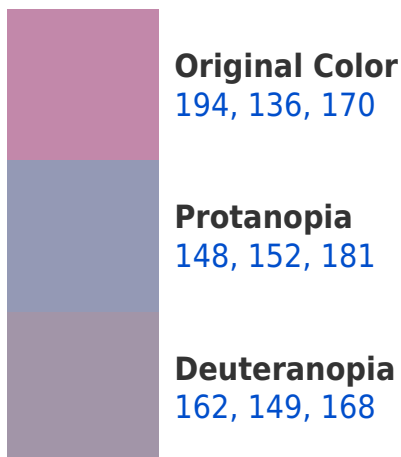


This preview shows how white text looks on a background with the RYB color 194, 136, 170.

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

192, 140, 150

Trichromacy



Original Color
194, 136, 170

Protanomaly
165, 146, 177

Deuteranomaly
174, 144, 169

Tritanomaly
193, 139, 157

Monochromacy



Original Color
194, 136, 170

Achromatopsia
157, 157, 157

Achromatomaly
170, 149, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 194, 136, 170 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, 136, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 170)  
}
```

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, 136, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 170) }
```

Border

The CSS property to change the border of an element to RYB 194, 136, 170 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, 136, 170) }
```

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

```
.border{ border-color:rgb(194, 136, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 136, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 136, 170); box-shadow:4px 4px 4px 4px rgb(194, 136, 170) }
```

Background

The CSS property to change the background color of an element to RYB 194, 136, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 170) }
```

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

```
.background{ background-color: rgb(194,  
136, 170) }
```

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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