

Converting Colors

`RYB(170, 91, 134)`

Have a look what the booklet for
RYB(170, 91, 134) contains.

RYB(170, 91, 134)	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

`RYB(170, 91, 134)`

Conversions

Conversions Part 1

Format	Color
Hex	AA5B86
RGB	170, 91, 134
RGB Percent	67%, 36%, 53%
CMY	0.3333, 0.6431, 0.4745
CMYK	0.00, 0.46, 0.21, 0.33
HSL	327°, 32%, 51%
HSV	327°, 46%, 67%
XYZ	24.6217, 17.7494, 24.6825
YIQ	119.5230, 33.2810, 30.1210

Conversions

Conversions Part 2

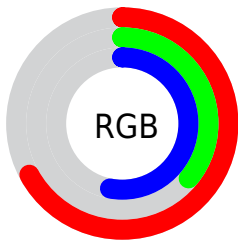
Format	Color
R_{YB}	170, 91, 134
Decimal	11164550
CIE Lab	49.19, 37.74, -9.55
CIE LCh	49, 38.930, 345.800
Yxy	17.7494, 0.3672, 0.2647
Android (android.graphics.Color)	4289354630 (0xFFAA5B86)
YUV	119.5230, 7.1372, 44.2683
Hunter-Lab	42.1301, 30.5915, -5.2449

Details

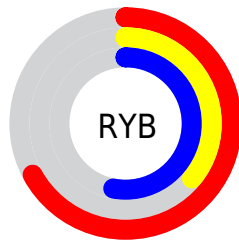
The RYB color **170, 91, 134** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **91, 145, 170**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **227, 143, 187**, and **116, 41, 84** is the 20% darker color. If you saturate the color by 10%, you get **170, 74, 126**, and if you desaturate by 10%, it is **170, 108, 142**.

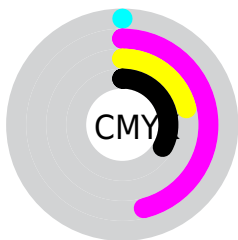
Distribution



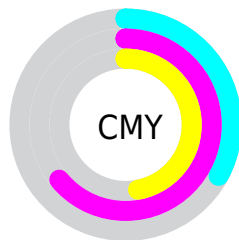
- Red (67%)
- Green (36%)
- Blue (53%)



- Red (67%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 91, 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 170, 91, 134 by changing the saturation by 10% instead.



170, 91, 134



170, 91, 134

255, 255, 255



142, 66, 109



227, 143, 187



116, 41, 84



255, 170, 215



89, 14, 61



255, 198, 243



64, 0, 39



255, 226, 255



43, 0, 19



0, 0, 0



170, 91, 134



170, 91, 134



170, 74, 126



170, 108, 142



170, 57, 119



170, 125, 149

■ 170, 40, 111

■ 170, 142, 157

■ 170, 23, 103

■ 170, 159, 165

■ 170, 6, 95

■ 170, 174, 176

■ 170, 0, 93

■ 170, 186, 193

■ 170, 198, 210

■ 170, 209, 227

■ 170, 221, 244

Harmonies

Analogous

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



142, 101, 163



170, 91, 134



179, 89, 101

Triad

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



170, 91, 134



51, 121, 53



0, 73, 163

Complementary

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



170, 91, 134



91, 145, 170

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, 67, 134



170, 91, 134



69, 128, 115

Square

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



170, 91, 134



120, 150, 52



22, 87, 133



0, 74, 180

Rectangle

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



170, 91, 134



175, 96, 80



22, 87, 133



0, 71, 155

Sweetspot

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



170, 91, 134



222, 191, 208



127, 91, 170



112, 93, 104



240, 240, 240



112, 112, 112

Same Dimension

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



170, 91, 134



222, 98, 165



170, 91, 95



84, 76, 80



148, 0, 81



20, 0, 11

Inverse Universe

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



170, 91, 134



222, 98, 165



91, 132, 170



84, 76, 80



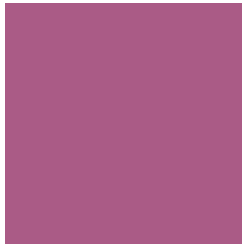
148, 0, 81



20, 0, 11

Previews

White Background



This preview shows how the RYB color 170, 91, 134 looks on a white background.

Color Contrast Check

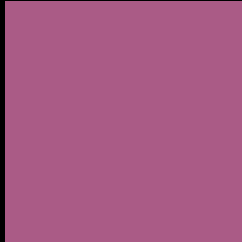
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 170, 91, 134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

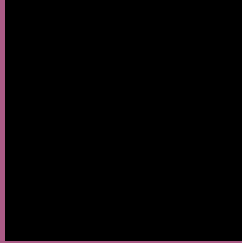
Any Text WCAG AA ✓ Pass

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 170, 91, 134 Background



This preview shows how black text looks on a background with the RYB color 170, 91, 134.

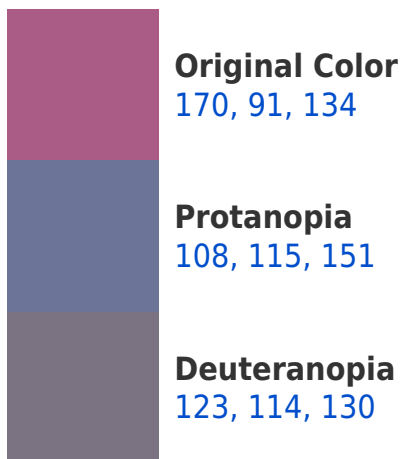


This preview shows how white text looks on a background with the RYB color 170, 91, 134.

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
167, 97, 104

Trichromacy



Original Color
170, 91, 134

Protanomaly
131, 107, 145

Deuteranomaly
140, 106, 131

Tritanomaly
168, 95, 115

Monochromacy



Original Color
170, 91, 134

Achromatopsia
120, 120, 120

Achromatomaly
138, 109, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 91, 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(170, 91, 134) looks like.

```
.text, #text, p{  
    color:rgb(170, 91, 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(170, 91, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 91, 134) }
```

Border

The CSS property to change the border of an element to RYB 170, 91, 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(170, 91, 134) }
```

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

```
.border{ border-color:rgb(170, 91, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 91, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 91, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 91, 134); box-shadow:4px 4px 4px 4px rgb(170, 91, 134) }
```

Background

The CSS property to change the background color of an element to RGB 170, 91, 134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 91, 134) }
```

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

```
.background{ background-color: rgb(170, 91,  
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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