

Converting Colors

`RYB(190, 135, 171)`

Have a look what the booklet for
RYB(190, 135, 171) contains.

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Color

R_YB(190, 135, 171)

Conversions

Conversions Part 1

Format	Color
Hex	BE87AB
RGB	190, 135, 171
RGB Percent	75%, 53%, 67%
CMY	0.2549, 0.4706, 0.3294
CMYK	0.00, 0.29, 0.10, 0.25
HSL	321°, 30%, 64%
HSV	321°, 29%, 75%
XYZ	37.2499, 31.2154, 42.5900
YIQ	155.5490, 21.2240, 22.8560

Conversions

Conversions Part 2

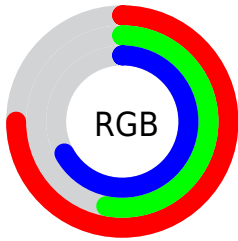
Format	Color
RYB	190, 135, 171
Decimal	12486571
CIELab	62.69, 26.73, -10.60
CIELCh	63, 28.750, 338.373
Yxy	31.2154, 0.3354, 0.2811
Android (android.graphics.Color)	4290676651 (0xFFBE87AB)
YUV	155.5490, 7.6173, 30.2135
Hunter-Lab	55.8707, 21.2349, -6.0870

Details

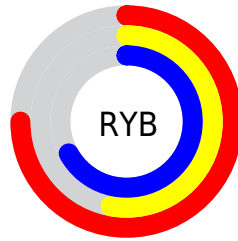
The RYB color **190, 135, 171** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **135, 176, 190**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **247, 189, 226**, and **136, 84, 119** is the 20% darker color. If you saturate the color by 10%, you get **190, 116, 164**, and if you desaturate by 10%, it is **190, 154, 178**.

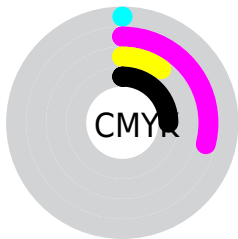
Distribution



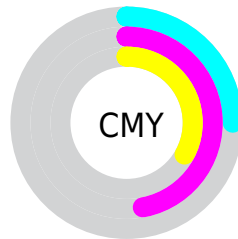
- Red (75%)
- Green (53%)
- Blue (67%)



- Red (75%)
- Yellow (53%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (10%)
- Black (25%)



- Cyan (25%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 190, 135, 171 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 190, 135, 171 by changing the saturation by 10% instead.

 190, 135, 171

255, 255, 255

 247, 189, 226

 255, 217, 255


 255, 245, 255


 190, 135, 171

 163, 109, 144

 136, 84, 119

 110, 60, 94

 85, 37, 70


 60, 14, 48

 39, 0, 27


 0, 0, 0


 190, 135, 171


 190, 116, 164


 190, 135, 171


 190, 154, 178

 190, 97, 158


 190, 173, 184

 190, 78, 151


 190, 191, 192

 190, 59, 145

 190, 206, 211

 190, 40, 138

 190, 220, 230

 190, 21, 132

 190, 234, 249

 190, 2, 125

 190, 236, 255

 190, 0, 124

 190, 233, 255

 190, 230, 255

Harmonies

Analogous

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



164, 143, 192



190, 135, 171



202, 132, 145

Triad

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



190, 135, 171



113, 162, 101



67, 120, 182

Complementary

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



190, 135, 171



135, 176, 190

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.



77, 124, 166



190, 135, 171



111, 160, 137

Square

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



190, 135, 171



185, 181, 105



104, 145, 164



91, 133, 198

Rectangle

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



190, 135, 171



202, 134, 129



104, 145, 164



67, 118, 175

Sweetspot

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



190, 135, 171



247, 225, 240



153, 135, 190



125, 111, 120



252, 252, 252



125, 125, 125

Same Dimension

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



190, 135, 171



247, 161, 217



190, 135, 144



94, 85, 91



158, 0, 103



31, 0, 20

Inverse Universe

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



190, 135, 171



247, 161, 217



135, 165, 190



94, 85, 91



158, 0, 103



31, 0, 20

Previews

White Background



This preview shows how the RYB color 190, 135, 171 looks on a white background.

Color Contrast Check

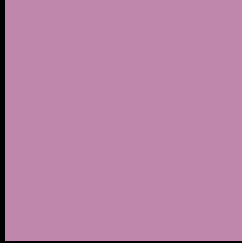
Large Text (above 18pt) WCAG AA × Fail

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 190, 135, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

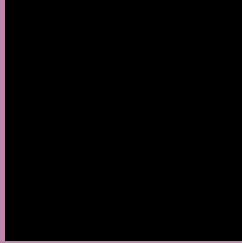
Any Text WCAG AA ✓ Pass

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 190, 135, 171 Background



This preview shows how black text looks on a background with the RYB color 190, 135, 171.



This preview shows how white text looks on a background with the RYB color 190, 135, 171.

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



Original Color
190, 135, 171

Protanopia
146, 150, 181

Deuteranopia
159, 148, 169



Tritanopia
187, 139, 150

Trichromacy



Original Color
190, 135, 171

Protanomaly
162, 145, 177

Deuteranomaly
170, 143, 170

Tritanomaly
188, 138, 158

Monochromacy



Original Color
190, 135, 171

Achromatopsia
156, 156, 156

Achromatomaly
168, 148, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 190, 135, 171 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(190, 135, 171)` looks like.

```
.text, #text, p{  
    color:rgb(190, 135, 171)  
}
```

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(190, 135, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 135, 171) }
```

Border

The CSS property to change the border of an element to RYB 190, 135, 171 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(190, 135, 171) }
```

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

```
.border{ border-color:rgb(190, 135, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 135, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 135, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 135, 171);  
box-shadow:4px 4px 4px 4px rgb(190, 135,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 190, 135, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 135, 171) }
```

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

```
.background{ background-color: rgb(190,  
135, 171) }
```

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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