

Converting Colors

`RYB(195, 133, 175)`

Have a look what the booklet for
RYB(195, 133, 175) contains.

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Color

`RYB(195, 133, 175)`

Conversions

Conversions Part 1

Format	Color
Hex	C385AF
RGB	195, 133, 175
RGB Percent	76%, 52%, 69%
CMY	0.2353, 0.4784, 0.3137
CMYK	0.00, 0.32, 0.10, 0.24
HSL	319°, 34%, 64%
HSV	319°, 32%, 76%
XYZ	38.6311, 31.4723, 44.5961
YIQ	156.3260, 23.4700, 26.2060

Conversions

Conversions Part 2

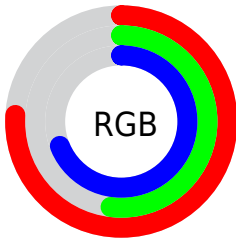
Format	Color
RYB	195, 133, 175
Decimal	12813743
CIELab	62.90, 30.27, -12.49
CIElCh	63, 32.740, 337.581
Yxy	31.4723, 0.3368, 0.2744
Android (android.graphics.Color)	4291003823 (0xFFC385AF)
YUV	156.3260, 9.2063, 33.9171
Hunter-Lab	56.1002, 24.7413, -7.8617

Details

The RYB color **195, 133, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **133, 180, 195**, and the grayscale version is **156, 156, 156**.

A 20% lighter version of the original color is **252, 187, 231**, and **140, 82, 123** is the 20% darker color. If you saturate the color by 10%, you get **195, 114, 169**, and if you desaturate by 10%, it is **195, 153, 181**.

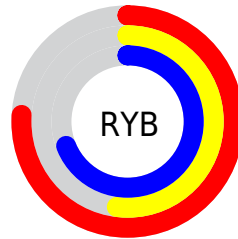
Distribution



Red (76%)

Green (52%)

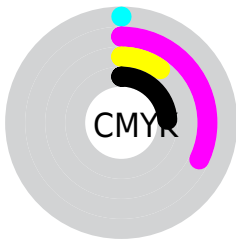
Blue (69%)



Red (76%)

Yellow (52%)

Blue (69%)

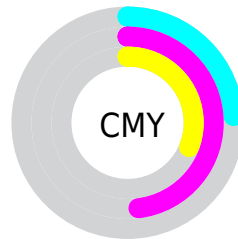


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (24%)



Cyan (24%)

Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the RYB color 195, 133, 175 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 195, 133, 175 by changing the saturation by 10% instead.

 195, 133, 175

 195, 133, 175


255, 255, 255

 167, 107, 148

 252, 187, 231

 140, 82, 123

 255, 215, 255

 114, 58, 98

 255, 243, 255

 89, 35, 74

 64, 10, 51

 42, 0, 30

 0, 0, 1

 0, 0, 0

 195, 133, 175


 195, 133, 175

 195, 114, 169


 195, 153, 181

 195, 94, 162


 195, 172, 188

 195, 75, 156


 195, 192, 194

 195, 55, 150

 195, 207, 211

 195, 36, 144

 195, 223, 231

 195, 16, 137

 195, 236, 250

 195, 0, 132

 195, 238, 255

 195, 235, 255

 195, 232, 255

Harmonies

Analogous

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



165, 142, 198



195, 133, 175



209, 130, 146

Triad

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



195, 133, 175



107, 164, 94



41, 108, 187

Complementary

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



195, 133, 175



133, 180, 195

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.



61, 117, 168



195, 133, 175



105, 161, 133

Square

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



195, 133, 175



190, 184, 99



98, 145, 166



75, 127, 205

Rectangle

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



195, 133, 175



209, 132, 127



98, 145, 166



42, 107, 178

Sweetspot

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



195, 133, 175



252, 227, 244



153, 133, 195



128, 112, 123



0, 0, 0



128, 128, 128

Same Dimension

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



195, 133, 175



252, 157, 222



195, 133, 144



97, 87, 94



161, 0, 109



33, 0, 22

Inverse Universe

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



195, 133, 175



252, 157, 222



133, 167, 195



97, 87, 94



161, 0, 109



33, 0, 22

Previews

White Background



This preview shows how the RYB color 195, 133, 175 looks on a white background.

Color Contrast Check

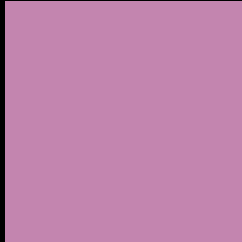
Large Text (above 18pt) WCAG AA × Fail

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 195, 133, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

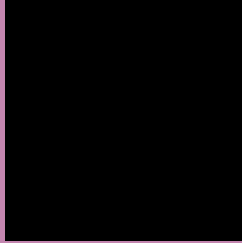
Any Text WCAG AA ✓ Pass

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 195, 133, 175 Background



This preview shows how black text looks on a background with the RYB color 195, 133, 175.

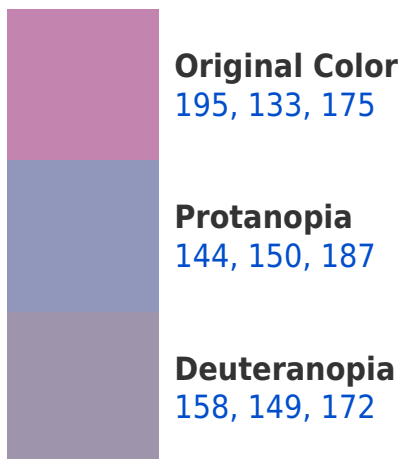


This preview shows how white text looks on a background with the RYB color 195, 133, 175.

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, 138, 148

Trichromacy



Original Color
195, 133, 175

Protanomaly
163, 144, 183

Deuteranomaly
171, 143, 173

Tritanomaly
193, 136, 158

Monochromacy



Original Color
195, 133, 175

Achromatopsia
156, 156, 156

Achromatomaly
170, 148, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 195, 133, 175 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(195, 133, 175)` looks like.

```
.text, #text, p{  
    color:rgb(195, 133, 175)  
}
```

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(195, 133, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 133, 175) }
```

Border

The CSS property to change the border of an element to RYB 195, 133, 175 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(195, 133, 175) }
```

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

```
.border{ border-color:rgb(195, 133, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 133, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 133, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 133, 175);  
box-shadow:4px 4px 4px 4px rgb(195, 133,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 195, 133, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 133, 175) }
```

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

```
.background{ background-color: rgb(195,  
133, 175) }
```

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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