

Converting Colors

`RYB(199, 135, 165)`

Have a look what the booklet for
RYB(199, 135, 165) contains.

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Color

R_YB(199, 135, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C787A5
RGB	199, 135, 165
RGB Percent	78%, 53%, 65%
CMY	0.2196, 0.4706, 0.3529
CMYK	0.00, 0.32, 0.17, 0.22
HSL	332°, 36%, 65%
HSV	332°, 32%, 78%
XYZ	39.0087, 32.1867, 39.7540
YIQ	157.5560, 28.5140, 22.8980

Conversions

Conversions Part 2

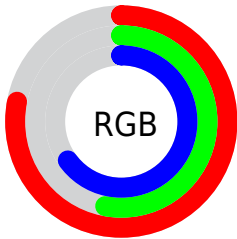
Format	Color
RYB	199, 135, 165
Decimal	13076389
CIELab	63.50, 28.91, -5.88
CIELCh	63, 29.506, 348.502
Yxy	32.1867, 0.3516, 0.2901
Android (android.graphics.Color)	4291266469 (0xFFC787A5)
YUV	157.5560, 3.6699, 36.3464
Hunter-Lab	56.7333, 23.4498, -1.8322

Details

The RYB color **199, 135, 165** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **135, 177, 199**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 189, 220**, and **144, 84, 113** is the 20% darker color. If you saturate the color by 10%, you get **199, 115, 154**, and if you desaturate by 10%, it is **199, 155, 176**.

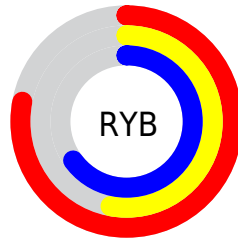
Distribution



Red (78%)

Green (53%)

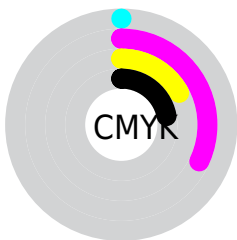
Blue (65%)



Red (78%)

Yellow (53%)

Blue (65%)

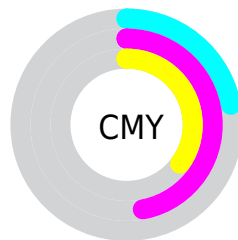


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (22%)



Cyan (22%)

Magenta (47%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 199, 135, 165 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 199, 135, 165 by changing the saturation by 10% instead.

 199, 135, 165


255, 255, 255

 255, 189, 220

 255, 217, 248


 255, 246, 255

 199, 135, 165

 171, 109, 139

 144, 84, 113

 117, 60, 89

 92, 37, 65

 67, 13, 43

 44, 0, 23

 2, 0, 0

 0, 0, 0

 199, 135, 165

 199, 135, 165

 199, 115, 154


 199, 155, 176

 199, 95, 144

 199, 175, 186

 199, 75, 133

 199, 195, 197

 199, 55, 123

 199, 210, 215

 199, 36, 112

 199, 223, 235

 199, 16, 102

 199, 235, 254

 199, 0, 93

 199, 232, 255

 199, 228, 255

 199, 227, 255

Harmonies

Analogous

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



177, 141, 189



199, 135, 165



206, 135, 138

Triad

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



199, 135, 165



103, 157, 105



71, 124, 192

Complementary

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



199, 135, 165



135, 177, 199

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.



69, 119, 169



199, 135, 165



118, 164, 157

Square

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



199, 135, 165



157, 181, 103



94, 138, 167



103, 139, 205

Rectangle

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



199, 135, 165



203, 142, 122



94, 138, 167



66, 121, 186

Sweetspot

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



199, 135, 165



255, 230, 241



168, 135, 199



128, 112, 119



0, 0, 0



128, 128, 128

Same Dimension

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



199, 135, 165



255, 156, 202



199, 136, 135



99, 90, 94



163, 0, 77



36, 0, 17

Inverse Universe

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



199, 135, 165



255, 156, 202



135, 167, 199



99, 90, 94



163, 0, 77



36, 0, 17

Previews

White Background



This preview shows how the RYB color 199, 135, 165 looks on a white background.

Color Contrast Check

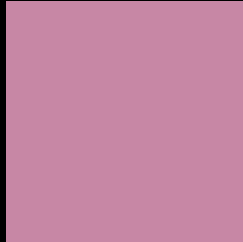
Large Text (above 18pt) WCAG AA × Fail

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 199, 135, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

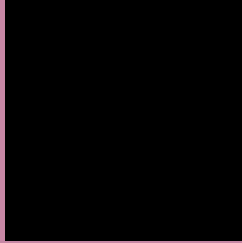
Any Text WCAG AA ✓ Pass

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 199, 135, 165 Background



This preview shows how black text looks on a background with the RYB color 199, 135, 165.

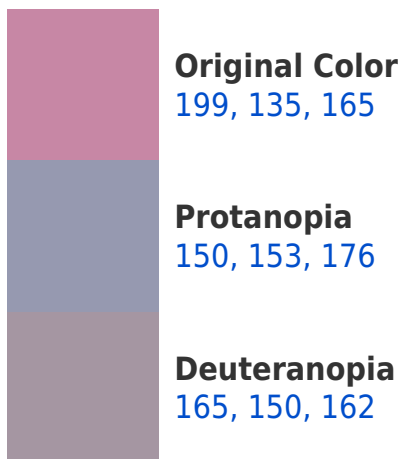


This preview shows how white text looks on a background with the RYB color 199, 135, 165.

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

197, 138, 148

Trichromacy



Original Color
199, 135, 165

Protanomaly
168, 146, 172

Deuteranomaly
177, 145, 163

Tritanomaly
198, 137, 154

Monochromacy



Original Color
199, 135, 165

Achromatopsia
158, 158, 158

Achromatomaly
173, 150, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 199, 135, 165 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(199, 135, 165)` looks like.

```
.text, #text, p{  
    color:rgb(199, 135, 165)  
}
```

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(199, 135, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 135, 165) }
```

Border

The CSS property to change the border of an element to RYB 199, 135, 165 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(199, 135, 165) }
```

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

```
.border{ border-color:rgb(199, 135, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 135, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 135, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 135, 165);  
box-shadow:4px 4px 4px 4px rgb(199, 135,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 199, 135, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 135, 165) }
```

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

```
.background{ background-color: rgb(199,  
135, 165) }
```

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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