

Converting Colors

`RYB(201, 93, 165)`

Have a look what the booklet for RYB(201, 93, 165) contains.

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Color

$\text{RYB}(201, 93, 165)$

Conversions

Conversions Part 1

Format	Color
Hex	C95DA5
RGB	201, 93, 165
RGB Percent	79%, 36%, 65%
CMY	0.2118, 0.6353, 0.3529
CMYK	0.00, 0.54, 0.18, 0.21
HSL	320°, 50%, 58%
HSV	320°, 54%, 79%
XYZ	34.7933, 22.9628, 38.1958
YIQ	133.5000, 41.2560, 45.2880

Conversions

Conversions Part 2

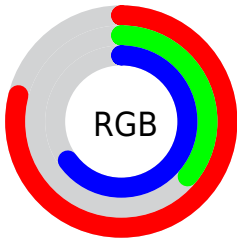
Format	Color
R_{YB}	201, 93, 165
Decimal	13196709
CIE _{Lab}	55.03, 51.49, -18.58
CIE _{LCh}	55, 54.744, 340.159
Yxy	22.9628, 0.3626, 0.2393
Android (android.graphics.Color)	4291386789 (0xFFC95DA5)
YUV	133.5000, 15.5295, 59.1975
Hunter-Lab	47.9195, 45.7456, -13.7153

Details

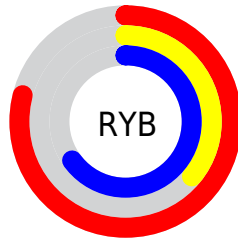
The RYB color **201, 93, 165** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **93, 174, 201**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 147, 220**, and **144, 38, 113** is the 20% darker color. If you saturate the color by 10%, you get **201, 73, 158**, and if you desaturate by 10%, it is **201, 113, 172**.

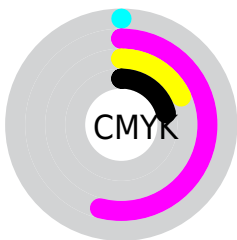
Distribution



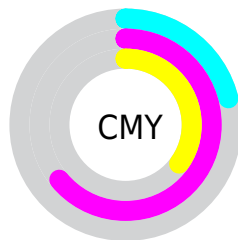
- Red (79%)
- Green (36%)
- Blue (65%)



- Red (79%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (54%)
- Yellow (18%)
- Black (21%)





- Cyan (21%)
- Magenta (64%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 201, 93, 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 201, 93, 165 by changing the saturation by 10% instead.

 201, 93, 165

 201, 93, 165

255, 255, 255

 172, 66, 139

 255, 147, 220

 144, 38, 113

 255, 175, 249

 117, 0, 88

 255, 203, 255


 90, 0, 65

 255, 232, 255


 64, 0, 43


 39, 0, 22


 0, 0, 0


 201, 93, 165


 201, 93, 165


 201, 73, 158


 201, 113, 172


 201, 53, 152


 201, 133, 178


 201, 33, 145


 201, 153, 185


 201, 13, 138

 201, 173, 192

 201, 0, 134

 201, 194, 199

 201, 211, 214

 201, 226, 234

 201, 241, 254

 201, 238, 255

Harmonies

Analogous

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



155, 112, 205



201, 93, 165



218, 87, 117

Triad

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



201, 93, 165



32, 141, 26



0, 85, 192

Complementary

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



201, 93, 165



93, 174, 201

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, 79, 154



201, 93, 165



54, 146, 110

Square

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



201, 93, 165



153, 182, 38



0, 92, 152



0, 88, 221

Rectangle

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



201, 93, 165



215, 93, 87



0, 92, 152



0, 83, 178

Sweetspot

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



201, 93, 165



255, 214, 241



129, 93, 201



128, 103, 119



0, 0, 0



128, 128, 128

Same Dimension

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



201, 93, 165



255, 92, 201



201, 93, 111



99, 90, 96



163, 0, 109



36, 0, 24

Inverse Universe

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



201, 93, 165



255, 92, 201



93, 152, 201



99, 90, 96



163, 0, 109



36, 0, 24

Previews

White Background



This preview shows how the RYB color 201, 93, 165 looks on a white background.

Color Contrast Check

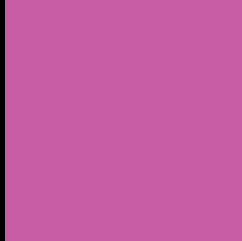
Large Text (above 18pt) WCAG AA ✓ Pass

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 201, 93, 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 201, 93, 165 Background



This preview shows how black text looks on a background with the RYB color 201, 93, 165.

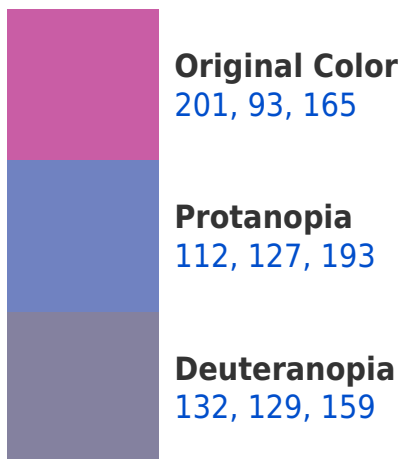



This preview shows how white text looks on a background with the RYB color 201, 93, 165.

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
196, 105, 112

Trichromacy



Original Color

201, 93, 165



Protanomaly

144, 117, 183



Deuteranomaly

157, 116, 161



Tritanomaly

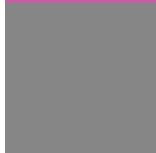
198, 101, 131

Monochromacy



Original Color

201, 93, 165



Achromatopsia

134, 134, 134



Achromatomaly

158, 119, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 201, 93, 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(201, 93, 165) looks like.

```
.text, #text, p{  
    color:rgb(201, 93, 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(201, 93, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 93, 165) }
```

Border

The CSS property to change the border of an element to RYB 201, 93, 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(201, 93, 165) }
```

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

```
.border{ border-color:rgb(201, 93, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 93, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 93, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 93, 165); box-shadow:4px 4px 4px 4px rgb(201, 93, 165) }
```

Background

The CSS property to change the background color of an element to RGB 201, 93, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 93, 165) }
```

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

```
.background{ background-color: rgb(201, 93,  
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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