

Converting Colors

`RYB(197, 95, 165)`

Have a look what the booklet for
RYB(197, 95, 165) contains.

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Color

`RYB(197, 95, 165)`

Conversions

Conversions Part 1

Format	Color
Hex	C55FA5
RGB	197, 95, 165
RGB Percent	77%, 37%, 65%
CMY	0.2275, 0.6275, 0.3529
CMYK	0.00, 0.52, 0.16, 0.23
HSL	319°, 47%, 57%
HSV	319°, 52%, 77%
XYZ	33.9097, 22.7713, 38.2054
YIQ	133.4780, 38.3220, 43.3940

Conversions

Conversions Part 2

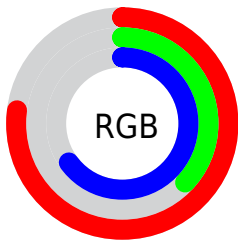
Format	Color
RYB	197, 95, 165
Decimal	12935077
CIELab	54.84, 49.29, -18.93
CIElCh	55, 52.805, 338.988
Yxy	22.7713, 0.3574, 0.2400
Android (android.graphics.Color)	4291125157 (0xFFC55FA5)
YUV	133.4780, 15.5403, 55.7088
Hunter-Lab	47.7193, 43.3345, -14.0656

Details

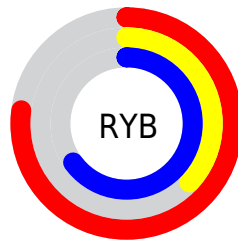
The RYB color **197, 95, 165** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **95, 173, 197**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **255, 149, 220**, and **141, 41, 113** is the 20% darker color. If you saturate the color by 10%, you get **197, 75, 159**, and if you desaturate by 10%, it is **197, 115, 171**.

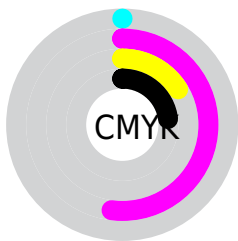
Distribution



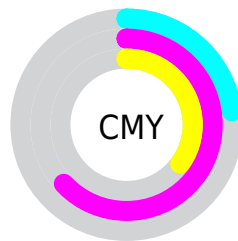
- Red (77%)
- Green (37%)
- Blue (65%)



- Red (77%)
- Yellow (37%)
- Blue (65%)



- Cyan (0%)
- Magenta (52%)
- Yellow (16%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 197, 95, 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 197, 95, 165 by changing the saturation by 10% instead.

 197, 95, 165

255, 255, 255

 255, 149, 220


 255, 177, 249

 255, 205, 255

 255, 234, 255


 197, 95, 165

 169, 68, 139

 141, 41, 113

 113, 5, 88

 87, 0, 65

 61, 0, 43


 36, 0, 22

 0, 0, 0

 197, 95, 165

 197, 75, 159

 197, 95, 165

 197, 115, 171

■ 197, 56, 153

■ 197, 134, 177

■ 197, 36, 146

■ 197, 154, 184

■ 197, 16, 140

■ 197, 174, 190

■ 197, 0, 135

■ 197, 194, 196

■ 197, 209, 213

■ 197, 225, 233

■ 197, 240, 253

■ 197, 238, 255

Harmonies

Analogous

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



151, 113, 203



197, 95, 165



214, 89, 119

Triad

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



197, 95, 165



42, 143, 31



0, 84, 188

Complementary

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



197, 95, 165



95, 173, 197

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, 153



197, 95, 165



55, 145, 107

Square

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



197, 95, 165



161, 181, 42



0, 92, 151



0, 87, 216

Rectangle

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



197, 95, 165



212, 94, 90



0, 92, 151



0, 81, 174

Sweetspot

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



197, 95, 165



255, 214, 242



126, 95, 197



128, 103, 120



0, 0, 0



128, 128, 128

Same Dimension

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



197, 95, 165



255, 97, 205



197, 95, 115



99, 90, 96



163, 0, 112



36, 0, 25

Inverse Universe

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



197, 95, 165



255, 97, 205



95, 152, 197



99, 90, 96



163, 0, 112



36, 0, 25

Previews

White Background



This preview shows how the RYB color 197, 95, 165 looks on a white background.

Color Contrast Check

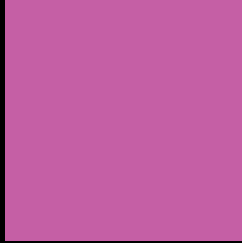
Large Text (above 18pt) WCAG AA ✓ Pass

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 197, 95, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

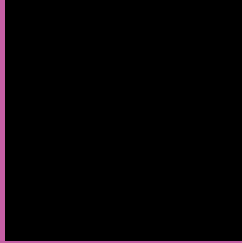
Any Text WCAG AA ✓ Pass

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 197, 95, 165 Background



This preview shows how black text looks on a background with the RYB color 197, 95, 165.

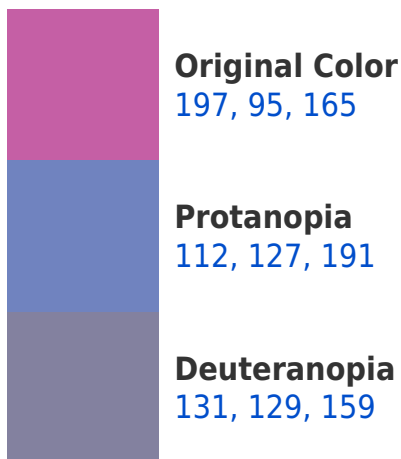



This preview shows how white text looks on a background with the RYB color 197, 95, 165.

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
192, 106, 114

Trichromacy



Original Color

197, 95, 165



Protanomaly

143, 117, 182



Deuteranomaly

155, 117, 161



Tritanomaly

194, 102, 133

Monochromacy



Original Color

197, 95, 165



Achromatopsia

133, 133, 133



Achromatomaly

156, 119, 145

CSS Examples

Text

The CSS property to change the color of the text to RYB 197, 95, 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(197, 95, 165)` looks like.

```
.text, #text, p{  
    color:rgb(197, 95, 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(197, 95, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 95, 165) }
```

Border

The CSS property to change the border of an element to RYB 197, 95, 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(197, 95, 165) }
```

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

```
.border{ border-color:rgb(197, 95, 165) }
```

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

Here you see how a box with a 4 pixel rgb(197, 95, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 95, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 95, 165);  
box-shadow:4px 4px 4px 4px rgb(197, 95,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 197, 95, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 95, 165) }
```

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

```
.background{ background-color: rgb(197, 95,  
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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