

Converting Colors

`RYB(173, 115, 161)`

Have a look what the booklet for
RYB(173, 115, 161) contains.

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Color

`RYB(173, 115, 161)`

Conversions

Conversions Part 1

Format	Color
Hex	AD73A1
RGB	173, 115, 161
RGB Percent	68%, 45%, 63%
CMY	0.3216, 0.5490, 0.3686
CMYK	0.00, 0.34, 0.07, 0.32
HSL	312°, 26%, 56%
HSV	312°, 34%, 68%
XYZ	29.7973, 23.7189, 36.7259
YIQ	137.5860, 19.8020, 26.6020

Conversions

Conversions Part 2

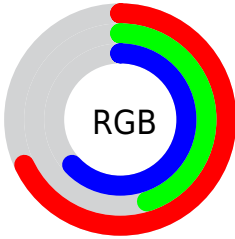
Format	Color
RYB	173, 115, 161
Decimal	11367329
CIELab	55.81, 30.16, -15.42
CIELCh	56, 33.871, 332.923
Yxy	23.7189, 0.3302, 0.2628
Android (android.graphics.Color)	4289557409 (0xFFAD73A1)
YUV	137.5860, 11.5431, 31.0581
Hunter-Lab	48.7021, 23.9829, -10.6188

Details

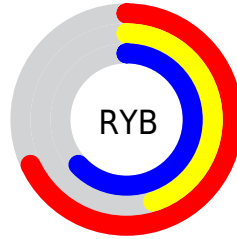
The RYB color **173, 115, 161** is a light color, and the websafe version is hex **996699**. A complement of this color would be **115, 163, 173**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **229, 168, 216**, and **120, 65, 109** is the 20% darker color. If you saturate the color by 10%, you get **173, 98, 157**, and if you desaturate by 10%, it is **173, 132, 165**.

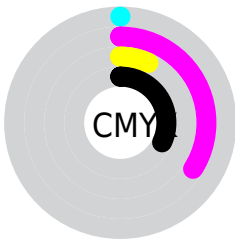
Distribution



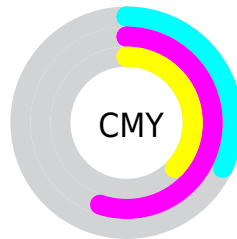
- Red (68%)
- Green (45%)
- Blue (63%)



- Red (68%)
- Yellow (45%)
- Blue (63%)



- Cyan (0%)
- Magenta (34%)
- Yellow (7%)
- Black (32%)



- Cyan (32%)
- Magenta (55%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 115, 161 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 173, 115, 161 by changing the saturation by 10% instead.

 173, 115, 161


255, 255, 255

 229, 168, 216

 255, 195, 244

 255, 223, 255

 255, 252, 255

 173, 115, 161

 146, 90, 135

 120, 65, 109

 94, 42, 85

 69, 18, 62


 46, 0, 40

 19, 0, 18

 0, 0, 0

 173, 115, 161


 173, 98, 157


 173, 115, 161

 173, 132, 165

 173, 80, 154


 173, 150, 168

 173, 63, 150


 173, 167, 172

 173, 46, 147

 173, 182, 184

 173, 29, 143

 173, 197, 202

 173, 11, 140

 173, 211, 219

 173, 0, 137

 173, 225, 236

 173, 239, 253

 173, 239, 255

Harmonies

Analogous

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



141, 125, 183



173, 115, 161



189, 110, 132

Triad

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



173, 115, 161



96, 150, 74



0, 78, 165

Complementary

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



173, 115, 161



115, 163, 173

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.



36, 96, 149



173, 115, 161



83, 141, 105

Square

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



173, 115, 161



174, 156, 82



83, 130, 147



32, 97, 185

Rectangle

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



173, 115, 161



191, 112, 112



83, 130, 147



0, 76, 156

Sweetspot

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



173, 115, 161



224, 202, 220



127, 115, 173



112, 99, 109



240, 240, 240



112, 112, 112

Same Dimension

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



173, 115, 161



224, 135, 206



173, 115, 132



87, 78, 85



150, 0, 119



23, 0, 18

Inverse Universe

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



173, 115, 161



224, 135, 206



115, 149, 173



87, 78, 85



150, 0, 119



23, 0, 18

Previews

White Background



This preview shows how the RYB color 173, 115, 161 looks on a white background.

Color Contrast Check

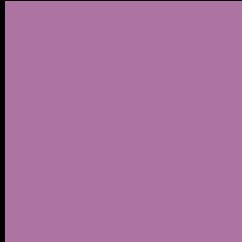
Large Text (above 18pt) WCAG AA ✓ Pass

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 173, 115, 161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

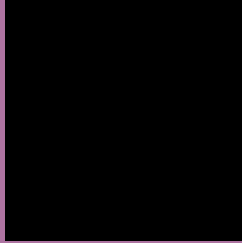
Any Text WCAG AA ✓ Pass

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 173, 115, 161 Background



This preview shows how black text looks on a background with the RYB color 173, 115, 161.

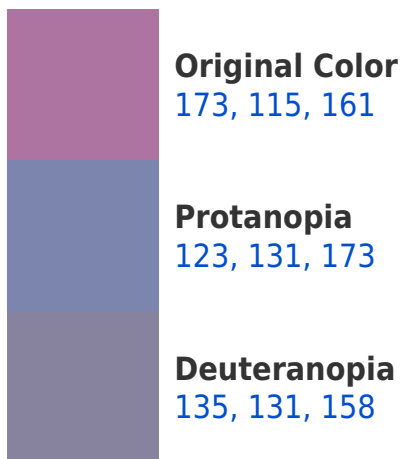


This preview shows how white text looks on a background with the RYB color 173, 115, 161.

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
169, 121, 130

Trichromacy



Original Color
173, 115, 161

Protanomaly
141, 126, 169

Deuteranomaly
149, 125, 159

Tritanomaly
170, 119, 141

Monochromacy



Original Color
173, 115, 161

Achromatopsia
138, 138, 138

Achromatomaly
151, 130, 146

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 115, 161 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(173, 115, 161) looks like.

```
.text, #text, p{  
    color:rgb(173, 115, 161)  
}
```

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(173, 115, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 115, 161) }
```

Border

The CSS property to change the border of an element to RYB 173, 115, 161 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(173, 115, 161) }
```

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

```
.border{ border-color:rgb(173, 115, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 115, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 115, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 115, 161);  
box-shadow:4px 4px 4px 4px rgb(173, 115,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 173, 115, 161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 115, 161) }
```

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

```
.background{ background-color: rgb(173,  
115, 161) }
```

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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