

Converting Colors

`RYB(196, 161, 174)`

Have a look what the booklet for RYB(196, 161, 174) contains.

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Color

RYB(196, 161, 174)

Conversions

Conversions Part 1

Format	Color
Hex	C4A1AE
RGB	196, 161, 174
RGB Percent	77%, 63%, 68%
CMY	0.2314, 0.3686, 0.3176
CMYK	0.00, 0.18, 0.11, 0.23
HSL	338°, 23%, 70%
HSV	338°, 18%, 77%
XYZ	43.1498, 40.2815, 45.5453
YIQ	172.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

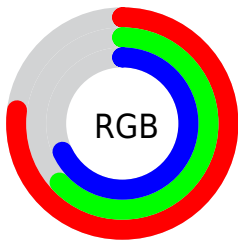
Format	Color
RYB	196, 161, 174
Decimal	12886446
CIELab	69.67, 15.02, -1.87
CIELCh	70, 15.133, 352.908
Yxy	40.2815, 0.3346, 0.3123
Android (android.graphics.Color)	4291076526 (0xFFC4A1AE)
YUV	172.9470, 0.5191, 20.2175
Hunter-Lab	63.4677, 10.2884, 1.8801

Details

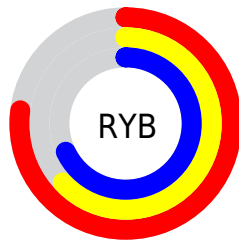
The RYB color **196, 161, 174** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **161, 182, 196**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **253, 216, 229**, and **142, 109, 122** is the 20% darker color. If you saturate the color by 10%, you get **196, 141, 162**, and if you desaturate by 10%, it is **196, 181, 186**.

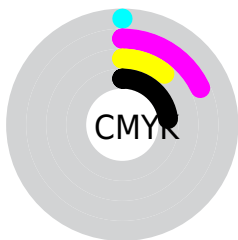
Distribution



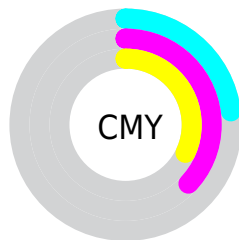
- Red (77%)
- Green (63%)
- Blue (68%)



- Red (77%)
- Yellow (63%)
- Blue (68%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 196, 161, 174 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 196, 161, 174 by changing the saturation by 10% instead.

 196, 161, 174

255, 255, 255


 253, 216, 229


 255, 244, 255

 196, 161, 174

 169, 135, 147

 142, 109, 122

 116, 85, 97

 91, 61, 73

 67, 39, 51

 44, 18, 30

 26, 0, 4

 0, 0, 0

 196, 161, 174

 196, 161, 174

196, 141, 162

196, 181, 186

196, 122, 149

196, 198, 200

196, 102, 137

196, 211, 220

196, 83, 125

196, 222, 239

196, 63, 112

196, 231, 255

196, 43, 100

196, 227, 255

196, 24, 88

196, 226, 255

196, 4, 75

196, 0, 73

Harmonies

Analogous

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



185, 164, 187



196, 161, 174



199, 161, 160

Triad

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



196, 161, 174



145, 173, 148



138, 160, 192

Complementary

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



196, 161, 174



161, 182, 196

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.



134, 156, 180



196, 161, 174



153, 176, 175

Square

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



196, 161, 174



169, 184, 143



141, 163, 178



151, 165, 197

Rectangle

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



196, 161, 174



197, 167, 152



141, 163, 178



136, 159, 188

Sweetspot

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



196, 161, 174



255, 242, 247



183, 161, 196



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



196, 161, 174



255, 201, 221



196, 166, 161



97, 87, 91



161, 0, 60



33, 0, 12

Inverse Universe

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



196, 161, 174



255, 201, 221



161, 177, 196



97, 87, 91



161, 0, 60



33, 0, 12

Previews

White Background



This preview shows how the RYB color 196, 161, 174 looks on a white background.

Color Contrast Check

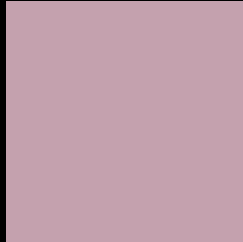
Large Text (above 18pt) WCAG AA × Fail

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 196, 161, 174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

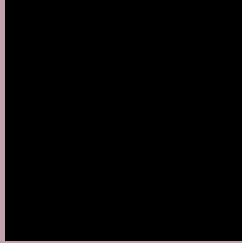
Any Text WCAG AA ✓ Pass

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 196, 161, 174 Background



This preview shows how black text looks on a background with the RYB color 196, 161, 174.



This preview shows how white text looks on a background with the RYB color 196, 161, 174.

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



Original Color
196, 161, 174

Protanopia
171, 169, 179

Deuteranopia
185, 165, 173



Tritanopia
196, 161, 174

Trichromacy



Original Color
196, 161, 174

Protanomaly
180, 166, 177

Deuteranomaly
189, 164, 173

Tritanomaly
196, 161, 174

Monochromacy



Original Color
196, 161, 174

Achromatopsia
173, 173, 173

Achromatomaly
181, 169, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 196, 161, 174 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(196, 161, 174) looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 174)  
}
```

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(196, 161, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 174) }
```

Border

The CSS property to change the border of an element to RYB 196, 161, 174 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(196, 161, 174) }
```

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

```
.border{ border-color:rgb(196, 161, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 174);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 196, 161, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 174) }
```

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

```
.background{ background-color: rgb(196,  
161, 174) }
```

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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