

Converting Colors

RGB(170, 131, 165)

Have a look what the booklet for
RGB(170, 131, 165) contains.

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Color

RGB(170, 131, 165)

Conversions

Conversions Part 1

Format	Color
Hex	AA83A5
RGB	170, 131, 165
RGB Percent	67%, 51%, 65%
CMY	0.3333, 0.4863, 0.3529
CMYK	0.00, 0.23, 0.03, 0.33
HSL	308°, 19%, 59%
HSV	308°, 23%, 67%
XYZ	31.4854, 27.4953, 39.2450
YIQ	146.5370, 12.3300, 18.8420

Conversions

Conversions Part 2

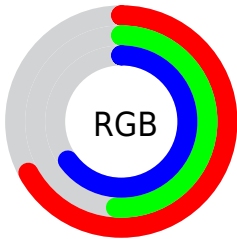
Format	Color
RYB	170, 131, 165
Decimal	11174821
CIELab	59.43, 20.83, -12.28
CIELCh	59, 24.182, 329.479
Yxy	27.4953, 0.3205, 0.2799
Android (android.graphics.Color)	4289364901 (0xFFAA83A5)
YUV	146.5370, 9.1023, 20.5771
Hunter-Lab	52.4359, 15.4183, -7.6697

Details

The RGB color **170, 131, 165** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **131, 170, 136**, and the grayscale version is **146, 146, 146**.

A 20% lighter version of the original color is **226, 184, 220**, and **117, 81, 113** is the 20% darker color. If you saturate the color by 10%, you get **170, 114, 163**, and if you desaturate by 10%, it is **170, 148, 167**.

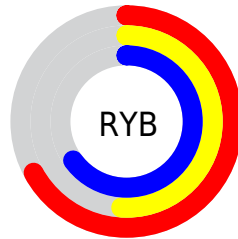
Distribution



Red (67%)

Green (51%)

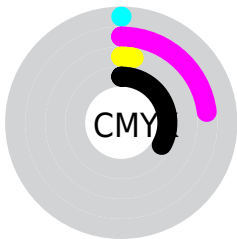
Blue (65%)



Red (67%)

Yellow (51%)

Blue (65%)

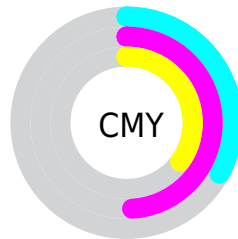


Cyan (0%)

Magenta (23%)

Yellow (3%)

Black (33%)



Cyan (33%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 131, 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 RGB color 170, 131, 165 by changing the saturation by 10% instead.


 170, 131, 165


255, 255, 255

 226, 184, 220

 254, 212, 249


 255, 240, 255

 170, 131, 165

 143, 106, 139

 117, 81, 113

 92, 58, 89

 68, 35, 65


 45, 14, 43


 26, 0, 23

 0, 0, 0

 170, 131, 165

 170, 114, 163

 170, 131, 165

 170, 148, 167

170, 97, 161

170, 165, 169

170, 80, 158

170, 182, 172

170, 63, 156

170, 199, 174

170, 46, 154

170, 216, 176

170, 29, 152

170, 233, 178

170, 12, 150

170, 250, 180

170, 0, 148

170, 255, 182

170, 255, 185

Harmonies

Analogous

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



146, 138, 180



170, 131, 165



184, 128, 144

Triad

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



170, 131, 165



159, 142, 101



78, 154, 163

Complementary

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



170, 131, 165



131, 170, 136

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.



89, 155, 142



170, 131, 165



136, 148, 106

Square

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



170, 131, 165



176, 134, 107



112, 153, 121



88, 151, 179

Rectangle

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



170, 131, 165



186, 128, 130



112, 153, 121



80, 155, 156

Sweetspot

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



170, 131, 165



222, 206, 220



136, 131, 170



112, 103, 111



240, 240, 240



112, 112, 112

Same Dimension

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



170, 131, 165



222, 160, 214



170, 131, 146



84, 76, 83



148, 0, 129



20, 0, 18

Inverse Universe

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



170, 131, 165



222, 160, 214



131, 170, 155



84, 76, 83



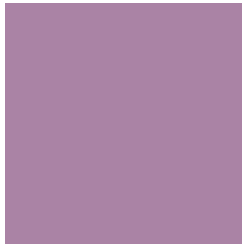
148, 0, 129



20, 0, 18

Previews

White Background



This preview shows how the RGB color 170, 131, 165 looks on a white background.

Color Contrast Check

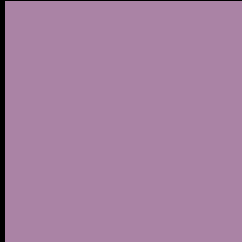
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 170, 131, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

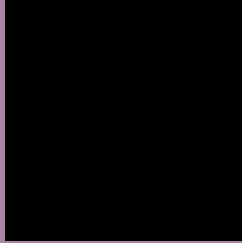
Any Text WCAG AA ✓ Pass

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](#).

RGB 170, 131, 165 Background



This preview shows how black text looks on a background with the RGB color 170, 131, 165.

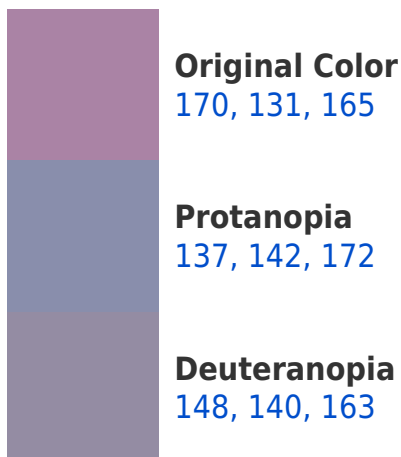


This preview shows how white text looks on a background with the RGB color 170, 131, 165.

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
167, 135, 145

Trichromacy



Original Color
170, 131, 165

Protanomaly
149, 138, 169

Deuteranomaly
156, 137, 164

Tritanomaly
168, 134, 152

Monochromacy



Original Color
170, 131, 165

Achromatopsia
147, 147, 147

Achromatomaly
155, 141, 154

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 131, 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(170, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 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(170, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 165) }
```

Border

The CSS property to change the border of an element to RGB 170, 131, 165 is called "border". The border property can be set on classes, ids or directly on the HTML element.

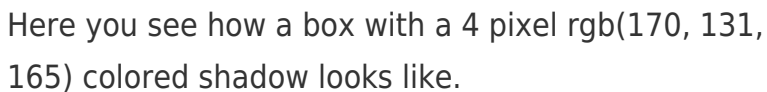
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 131, 165) }
```

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

```
.border{ border-color:rgb(170, 131, 165) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 131, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 131, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 131, 165); box-shadow:4px 4px 4px 4px rgb(170, 131, 165) }
```

Background

The CSS property to change the background color of an element to RGB 170, 131, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 165) }
```

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

```
.background{ background-color: rgb(170,  
131, 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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