

Converting Colors

`RYB(210, 130, 171)`

Have a look what the booklet for
RYB(210, 130, 171) contains.

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Color

R_YB(210, 130, 171)

Conversions

Conversions Part 1

Format	Color
Hex	D282AB
RGB	210, 130, 171
RGB Percent	82%, 51%, 67%
CMY	0.1765, 0.4902, 0.3294
CMYK	0.00, 0.38, 0.19, 0.18
HSL	329°, 47%, 67%
HSV	329°, 38%, 82%
XYZ	41.9117, 32.6072, 42.6129
YIQ	158.5940, 34.5190, 29.7110

Conversions

Conversions Part 2

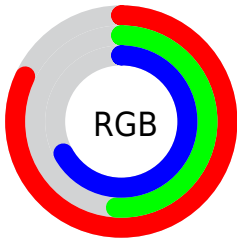
Format	Color
R _Y B	210, 130, 171
Decimal	13796011
CIE Lab	63.84, 36.43, -8.64
CIE LCh	64, 37.436, 346.664
Yxy	32.6072, 0.3578, 0.2784
Android (android.graphics.Color)	4291986091 (0xFFD282AB)
YUV	158.5940, 6.1162, 45.0831
Hunter-Lab	57.1027, 31.0839, -4.2733

Details

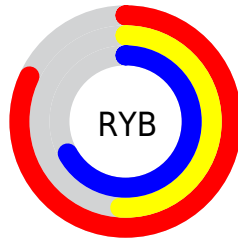
The RYB color **210, 130, 171** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **130, 184, 210**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 184, 226**, and **154, 79, 119** is the 20% darker color. If you saturate the color by 10%, you get **210, 109, 161**, and if you desaturate by 10%, it is **210, 151, 181**.

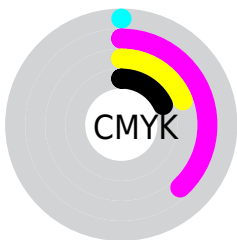
Distribution



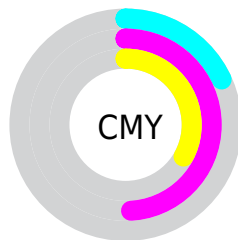
- Red (82%)
- Green (51%)
- Blue (67%)



- Red (82%)
- Yellow (51%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (18%)




- Cyan (18%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 210, 130, 171 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 210, 130, 171 by changing the saturation by 10% instead.

 210, 130, 171

 210, 130, 171

255, 255, 255

 182, 104, 144

 255, 184, 226

 154, 79, 119

 255, 212, 255

 127, 54, 94

 255, 241, 255

 100, 29, 70


 75, 0, 48

 51, 0, 27


 22, 0, 0

 0, 0, 0


 210, 130, 171


 210, 130, 171


 210, 109, 161

 210, 151, 181

 210, 88, 151


 210, 172, 191

 210, 67, 140


 210, 193, 202

 210, 46, 130


 210, 213, 214

 210, 25, 120

 210, 227, 235

 210, 4, 110

 210, 240, 255

 210, 0, 108

 210, 236, 255

 210, 233, 255

 210, 233, 255

Harmonies

Analogous

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



182, 139, 201



210, 130, 171



220, 129, 137

Triad

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



210, 130, 171



89, 159, 90



0, 92, 202

Complementary

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



210, 130, 171



130, 184, 210

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, 86, 173



210, 130, 171



108, 167, 155

Square

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



210, 130, 171



160, 189, 90



75, 133, 171



76, 130, 219

Rectangle

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



210, 130, 171



216, 136, 116



75, 133, 171



0, 91, 193

Sweetspot

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



210, 130, 171



255, 227, 241



169, 130, 210



128, 111, 119



0, 0, 0



128, 128, 128

Same Dimension

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



210, 130, 171



255, 138, 198



210, 130, 131



105, 94, 99



168, 0, 86



41, 0, 21

Inverse Universe

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



210, 130, 171



255, 138, 198



130, 170, 210



105, 94, 99



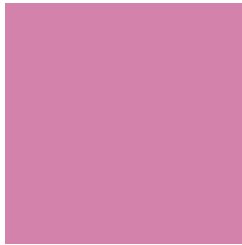
168, 0, 86



41, 0, 21

Previews

White Background



This preview shows how the RYB color 210, 130, 171 looks on a white background.

Color Contrast Check

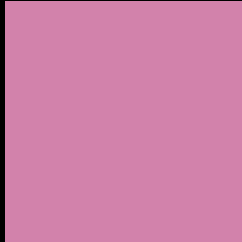
Large Text (above 18pt) WCAG AA × Fail

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 210, 130, 171 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 210, 130, 171 Background



This preview shows how black text looks on a background with the RYB color 210, 130, 171.

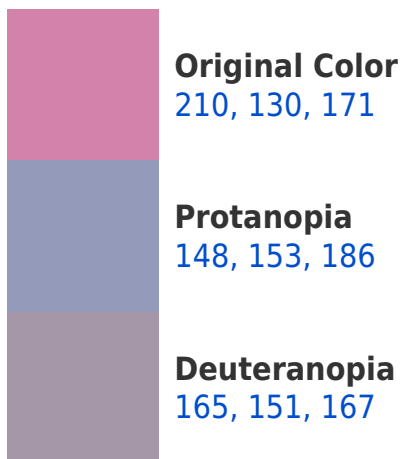


This preview shows how white text looks on a background with the RYB color 210, 130, 171.

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
207, 135, 145

Trichromacy



Original Color

210, 130, 171



Protanomaly

171, 145, 181



Deuteranomaly

181, 143, 168



Tritanomaly

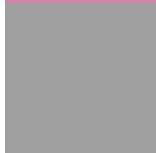
208, 133, 154

Monochromacy



Original Color

210, 130, 171



Achromatopsia

159, 159, 159



Achromatomaly

178, 148, 163

CSS Examples

Text

The CSS property to change the color of the text to RYB 210, 130, 171 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(210, 130, 171) looks like.

```
.text, #text, p{  
    color:rgb(210, 130, 171)  
}
```

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(210, 130, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 130, 171) }
```

Border

The CSS property to change the border of an element to RYB 210, 130, 171 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(210, 130, 171) }
```

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

```
.border{ border-color:rgb(210, 130, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 130, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 130, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 130, 171); box-shadow:4px 4px 4px 4px rgb(210, 130, 171) }
```

Background

The CSS property to change the background color of an element to RGB 210, 130, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 130, 171) }
```

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

```
.background{ background-color: rgb(210,  
130, 171) }
```

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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