

Converting Colors

`RYB(211, 129, 173)`

Have a look what the booklet for
RYB(211, 129, 173) contains.

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Color

$\text{RYB}(211, 129, 173)$

Conversions

Conversions Part 1

Format	Color
Hex	D381AD
RGB	211, 129, 173
RGB Percent	83%, 51%, 68%
CMY	0.1725, 0.4941, 0.3216
CMYK	0.00, 0.39, 0.18, 0.17
HSL	328°, 48%, 67%
HSV	328°, 39%, 83%
XYZ	42.2571, 32.5665, 43.5939
YIQ	158.5340, 34.7480, 31.0680

Conversions

Conversions Part 2

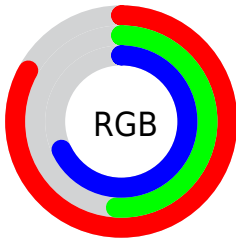
Format	Color
RYB	211, 129, 173
Decimal	13861293
CIELab	63.81, 37.61, -9.81
CIELCh	64, 38.869, 345.387
Yxy	32.5665, 0.3568, 0.2750
Android (android.graphics.Color)	4292051373 (0xFFD381AD)
YUV	158.5340, 7.1317, 46.0127
Hunter-Lab	57.0671, 32.3083, -5.3451

Details

The RYB color **211, 129, 173** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **129, 185, 211**, and the grayscale version is **158, 158, 158**.

A 20% lighter version of the original color is **255, 183, 228**, and **155, 78, 121** is the 20% darker color. If you saturate the color by 10%, you get **211, 108, 163**, and if you desaturate by 10%, it is **211, 150, 183**.

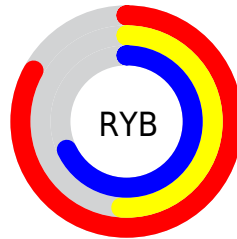
Distribution



Red (83%)

Green (51%)

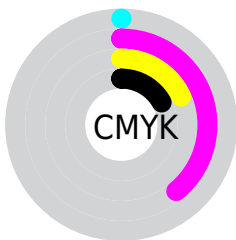
Blue (68%)



Red (83%)

Yellow (51%)

Blue (68%)

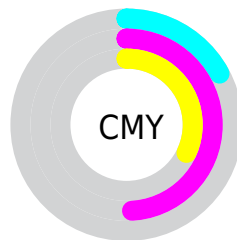


Cyan (0%)

Magenta (39%)

Yellow (18%)

Black (17%)



Cyan (17%)


Magenta (49%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the RYB color 211, 129, 173 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 211, 129, 173 by changing the saturation by 10% instead.


 211, 129, 173

255, 255, 255

 255, 183, 228

 255, 211, 255


 255, 240, 255

 211, 129, 173

 183, 103, 146

 155, 78, 121

 128, 53, 96


 101, 27, 72


 75, 0, 50


 51, 0, 29


 23, 0, 0


 0, 0, 0


 211, 129, 173


 211, 129, 173


 211, 108, 163


 211, 150, 183

 211, 87, 153


 211, 171, 193

 211, 66, 144


 211, 192, 202

 211, 45, 134


 211, 212, 213

 211, 24, 124

 211, 227, 235

 211, 2, 114

 211, 241, 255

 211, 0, 113

 211, 237, 255

 211, 234, 255

 211, 233, 255

Harmonies

Analogous

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



181, 139, 203



211, 129, 173



222, 127, 138

Triad

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



211, 129, 173



87, 159, 86



0, 93, 203

Complementary

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



211, 129, 173



129, 185, 211

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, 87, 173



211, 129, 173



105, 167, 152

Square

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



211, 129, 173



163, 191, 87



73, 134, 172



66, 126, 221

Rectangle

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



211, 129, 173



218, 134, 116



73, 134, 172



0, 91, 194

Sweetspot

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



211, 129, 173



255, 224, 241



166, 129, 211



128, 110, 119



0, 0, 0



128, 128, 128

Same Dimension

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



211, 129, 173



255, 135, 199



211, 129, 133



105, 94, 100



168, 0, 90



41, 0, 22

Inverse Universe

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



211, 129, 173



255, 135, 199



129, 171, 211



105, 94, 100



168, 0, 90



41, 0, 22

Previews

White Background



This preview shows how the RYB color 211, 129, 173 looks on a white background.

Color Contrast Check

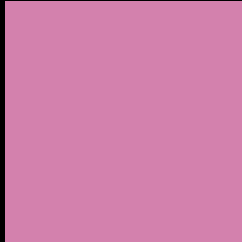
Large Text (above 18pt) WCAG AA × Fail

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 211, 129, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

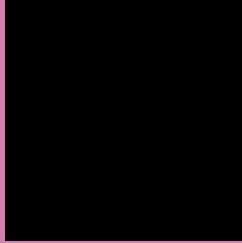
Any Text WCAG AA ✓ Pass

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 211, 129, 173 Background



This preview shows how black text looks on a background with the RYB color 211, 129, 173.

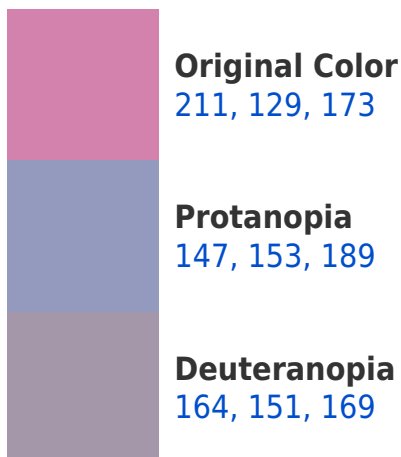



This preview shows how white text looks on a background with the RYB color 211, 129, 173.

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
208, 134, 144

Trichromacy



Original Color
211, 129, 173

Protanomaly
170, 145, 183

Deuteranomaly
181, 143, 170

Tritanomaly
209, 132, 155

Monochromacy



Original Color
211, 129, 173

Achromatopsia
159, 159, 159

Achromatomaly
178, 148, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 129, 173 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(211, 129, 173)` looks like.

```
.text, #text, p{  
    color:rgb(211, 129, 173)  
}
```

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(211, 129, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 129, 173) }
```

Border

The CSS property to change the border of an element to RYB 211, 129, 173 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(211, 129, 173) }
```

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

```
.border{ border-color:rgb(211, 129, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 129, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 129, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 129, 173);  
box-shadow:4px 4px 4px 4px rgb(211, 129,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 211, 129, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 129, 173) }
```

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

```
.background{ background-color: rgb(211,  
129, 173) }
```

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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