

Converting Colors

`RYB(205, 131, 137)`

Have a look what the booklet for RYB(205, 131, 137) contains.

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Color

R_YB(205, 131, 137)

Conversions

Conversions Part 1

Format	Color
Hex	CD8389
RGB	205, 131, 137
RGB Percent	80%, 51%, 54%
CMY	0.1961, 0.4863, 0.4627
CMYK	0.00, 0.36, 0.33, 0.20
HSL	355°, 43%, 66%
HSV	355°, 36%, 80%
XYZ	37.8085, 31.0179, 27.6612
YIQ	153.8100, 42.1780, 17.5540

Conversions

Conversions Part 2

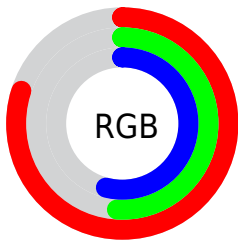
Format	Color
R _Y B	205, 131, 137
Decimal	13468553
CIE Lab	62.52, 29.26, 8.72
CIE LCh	63, 30.533, 16.586
Yxy	31.0179, 0.3918, 0.3215
Android (android.graphics.Color)	4291658633 (0xFFCD8389)
YUV	153.8100, -8.2873, 44.8936
Hunter-Lab	55.6937, 23.7134, 9.5382

Details

The RYB color **205, 131, 137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 170, 205**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **255, 185, 190**, and **149, 80, 87** is the 20% darker color. If you saturate the color by 10%, you get **205, 110, 118**, and if you desaturate by 10%, it is **205, 151, 156**.

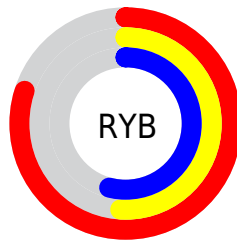
Distribution



Red (80%)

Green (51%)

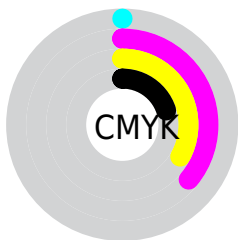
Blue (54%)



Red (80%)

Yellow (51%)

Blue (54%)

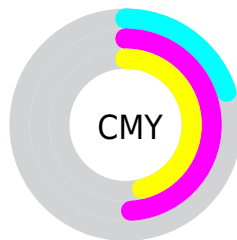


Cyan (0%)

Magenta (36%)

Yellow (33%)

Black (20%)



Cyan (20%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RYB color 205, 131, 137 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 205, 131, 137 by changing the saturation by 10% instead.

 205, 131, 137

255, 255, 255

 255, 185, 190

 255, 213, 218

 255, 241, 247

 205, 131, 137

 177, 105, 112

 149, 80, 87

 121, 56, 64

 95, 33, 42

 69, 8, 22

 46, 0, 0

 0, 0, 0

 205, 131, 137

 205, 110, 118


 205, 131, 137

 205, 151, 156

 205, 90, 99

 205, 172, 175

 205, 69, 80

 205, 193, 194

 205, 49, 62

 205, 209, 213

 205, 28, 43

 205, 220, 234

 205, 8, 24

 205, 231, 254

 205, 0, 17

 205, 230, 255

Harmonies

Analogous

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



197, 132, 165



205, 131, 137



199, 144, 113

Triad

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



205, 131, 137



113, 161, 150



95, 134, 203

Complementary

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



205, 131, 137



131, 170, 205

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.



61, 118, 190



205, 131, 137



91, 136, 165

Square

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



205, 131, 137



100, 155, 99



62, 114, 166



137, 147, 203

Rectangle

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



205, 131, 137



188, 177, 102



62, 114, 166



82, 129, 200

Sweetspot

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



205, 131, 137



255, 227, 229



199, 131, 205



128, 111, 112



0, 0, 0



128, 128, 128

Same Dimension

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



205, 131, 137



255, 145, 154



205, 184, 131



102, 92, 93



166, 0, 13



38, 0, 3

Inverse Universe

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



205, 131, 137



255, 145, 154



131, 158, 205



102, 92, 93



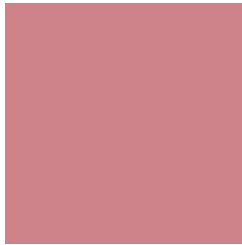
166, 0, 13



38, 0, 3

Previews

White Background



This preview shows how the RYB color 205, 131, 137 looks on a white background.

Color Contrast Check

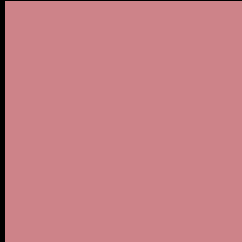
Large Text (above 18pt) WCAG AA × Fail

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 205, 131, 137 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 205, 131, 137 Background



This preview shows how black text looks on a background with the RYB color 205, 131, 137.



This preview shows how white text looks on a background with the RYB color 205, 131, 137.

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
205, 131, 137

Protanopia
155, 153, 148

Deuteranopia
173, 151, 134



Tritanopia
205, 130, 140

Trichromacy



Original Color
205, 131, 137

Protanomaly
173, 144, 144

Deuteranomaly
185, 142, 135

Tritanomaly
205, 130, 139

Monochromacy



Original Color
205, 131, 137

Achromatopsia
154, 154, 154

Achromatomaly
173, 146, 148

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 131, 137 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(205, 131, 137) looks like.

```
.text, #text, p{  
    color:rgb(205, 131, 137)  
}
```

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(205, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 131, 137) }
```

Border

The CSS property to change the border of an element to RYB 205, 131, 137 is called "border". The border property can be set on classes, ids or directly on the HTML element.

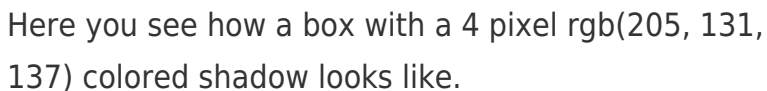
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 131, 137) }
```

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

```
.border{ border-color:rgb(205, 131, 137) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 131, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 131, 137); box-shadow:4px 4px 4px 4px rgb(205, 131, 137) }
```

Background

The CSS property to change the background color of an element to RGB 205, 131, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 131, 137) }
```

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

```
.background{ background-color: rgb(205,  
131, 137) }
```

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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