

Converting Colors

`RYB(200, 132, 175)`

Have a look what the booklet for
RYB(200, 132, 175) contains.

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Color

R_YB(200, 132, 175)

Conversions

Conversions Part 1

Format	Color
Hex	C884AF
RGB	200, 132, 175
RGB Percent	78%, 52%, 69%
CMY	0.2157, 0.4824, 0.3137
CMYK	0.00, 0.34, 0.12, 0.22
HSL	322°, 38%, 65%
HSV	322°, 34%, 78%
XYZ	39.8085, 31.8770, 44.6122
YIQ	157.2340, 26.7250, 27.7890

Conversions

Conversions Part 2

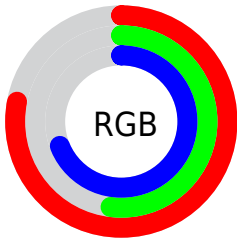
Format	Color
R _Y B	200, 132, 175
Decimal	13141167
CIE Lab	63.24, 32.54, -11.92
CIE LCh	63, 34.655, 339.875
Yxy	31.8770, 0.3423, 0.2741
Android (android.graphics.Color)	4291331247 (0xFFC884AF)
YUV	157.2340, 8.7586, 37.5058
Hunter-Lab	56.4598, 27.0519, -7.3267

Details

The RYB color **200, 132, 175** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **132, 182, 200**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **255, 186, 231**, and **145, 81, 123** is the 20% darker color. If you saturate the color by 10%, you get **200, 112, 168**, and if you desaturate by 10%, it is **200, 152, 182**.

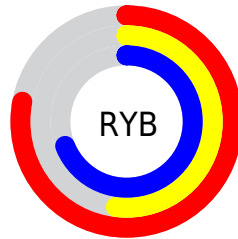
Distribution



Red (78%)

Green (52%)

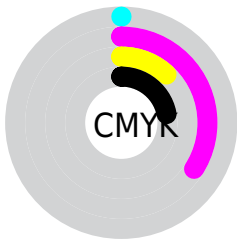
Blue (69%)



Red (78%)

Yellow (52%)

Blue (69%)

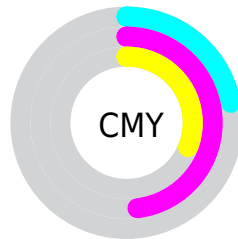


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (22%)



Cyan (22%)


Magenta (48%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 132, 175 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 200, 132, 175 by changing the saturation by 10% instead.

 200, 132, 175

255, 255, 255

 255, 186, 231

 255, 214, 255


 255, 243, 255

 200, 132, 175

 172, 106, 148

 145, 81, 123

 118, 57, 98

 93, 33, 74

 68, 7, 51


 45, 0, 30

 9, 0, 1


 0, 0, 0


 200, 132, 175

 200, 132, 175


 200, 112, 168


 200, 152, 182

 200, 92, 160


 200, 172, 190

 200, 72, 153


 200, 192, 197

 200, 52, 146

 200, 209, 212

 200, 32, 138

 200, 223, 232

 200, 12, 131

 200, 238, 252

 200, 0, 126

 200, 237, 255

 200, 234, 255

 200, 232, 255

Harmonies

Analogous

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



170, 141, 201



200, 132, 175



213, 129, 144

Triad

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



200, 132, 175



101, 163, 92



22, 101, 192

Complementary

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



200, 132, 175



132, 182, 200

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.



48, 111, 170



200, 132, 175



105, 163, 138

Square

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



200, 132, 175



189, 191, 96



91, 142, 168



72, 126, 210

Rectangle

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



200, 132, 175



212, 133, 124



91, 142, 168



21, 98, 183

Sweetspot

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



200, 132, 175



255, 230, 246



157, 132, 200



128, 112, 122



0, 0, 0



128, 128, 128

Same Dimension

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



200, 132, 175



255, 150, 217



200, 132, 141



99, 90, 96



163, 0, 103



36, 0, 23

Inverse Universe

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



200, 132, 175



255, 150, 217



132, 168, 200



99, 90, 96



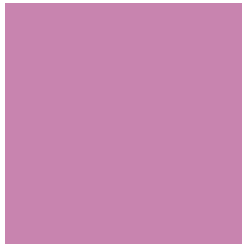
163, 0, 103



36, 0, 23

Previews

White Background



This preview shows how the RYB color 200, 132, 175 looks on a white background.

Color Contrast Check

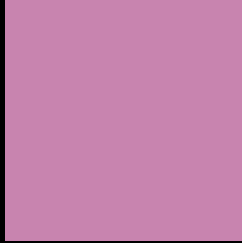
Large Text (above 18pt) WCAG AA × Fail

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 200, 132, 175 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 200, 132, 175 Background



This preview shows how black text looks on a background with the RYB color 200, 132, 175.

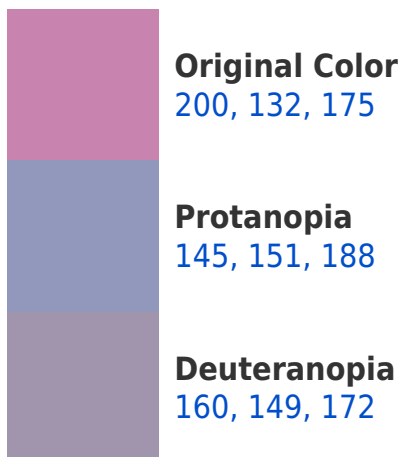


This preview shows how white text looks on a background with the RYB color 200, 132, 175.

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
197, 137, 148

Trichromacy



Original Color
200, 132, 175

Protanomaly
165, 145, 183

Deuteranomaly
175, 143, 173

Tritanomaly
198, 135, 158

Monochromacy



Original Color
200, 132, 175

Achromatopsia
157, 157, 157

Achromatomaly
173, 148, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 132, 175 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(200, 132, 175) looks like.

```
.text, #text, p{  
    color:rgb(200, 132, 175)  
}
```

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(200, 132, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 132, 175) }
```

Border

The CSS property to change the border of an element to RYB 200, 132, 175 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(200, 132, 175) }
```

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

```
.border{ border-color:rgb(200, 132, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 132, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 132, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 132, 175);  
box-shadow:4px 4px 4px 4px rgb(200, 132,  
175) }
```

Background

The CSS property to change the background color of an element to RGB 200, 132, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 132, 175) }
```

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

```
.background{ background-color: rgb(200,  
132, 175) }
```

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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