

# Converting Colors

`RYB(205, 140, 152)`

Have a look what the booklet for RYB(205, 140, 152) contains.

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# Color

**R<sub>Y</sub>B(205, 140, 152)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CD8C98
RGB	205, 140, 152
RGB Percent	80%, 55%, 60%
CMY	0.1961, 0.4510, 0.4039
CMYK	0.00, 0.32, 0.26, 0.20
HSL	349°, 39%, 68%
HSV	349°, 32%, 80%
XYZ	40.2224, 34.0023, 34.1489
YIQ	160.8030, 34.8880, 17.5120

# Conversions

## Conversions Part 2

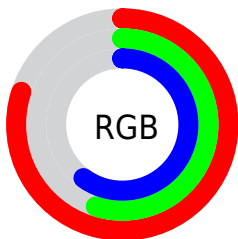
Format	Color
R <sub>Y</sub> B	205, 140, 152
Decimal	13470872
CIE Lab	64.96, 26.40, 3.71
CIE LCh	65, 26.662, 7.998
Yxy	34.0023, 0.3711, 0.3138
Android (android.graphics.Color)	4291660952 (0xFFCD8C98)
YUV	160.8030, -4.3399, 38.7608
Hunter-Lab	58.3115, 21.0816, 6.0961

# Details

The RYB color **205, 140, 152** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **140, 176, 205**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 194, 206**, and **149, 89, 101** is the 20% darker color. If you saturate the color by 10%, you get **205, 120, 135**, and if you desaturate by 10%, it is **205, 161, 169**.

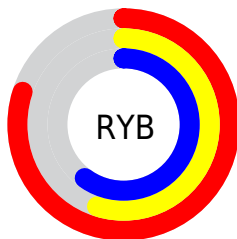
# Distribution



Red (80%)

Green (55%)

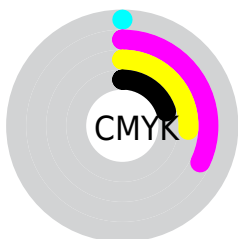
Blue (60%)



Red (80%)

Yellow (55%)

Blue (60%)

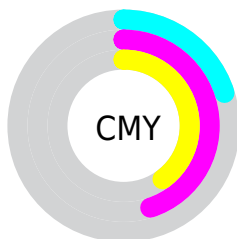


Cyan (0%)

Magenta (32%)

Yellow (26%)

Black (20%)



Cyan (20%)

Magenta (45%)


Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 205, 140, 152 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, 140, 152 by changing the saturation by 10% instead.



 205, 140, 152

 205, 140, 152

255, 255, 255

 177, 114, 126

 255, 194, 206


 149, 89, 101

 255, 222, 234

 123, 65, 77

 255, 251, 255

 96, 42, 55


 71, 18, 33

 48, 0, 10

 12, 0, 0


 0, 0, 0

 205, 140, 152


 205, 140, 152

 205, 120, 135


 205, 161, 169

 205, 99, 119

 205, 181, 185

 205, 79, 102


 205, 202, 202

 205, 58, 85

 205, 214, 222

 205, 38, 68

 205, 226, 243

 205, 17, 52

 205, 231, 255

 205, 0, 38

 205, 230, 255

# Harmonies

## Analogous

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



193, 142, 176



205, 140, 152



203, 146, 129

# Triad

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



205, 140, 152



119, 165, 142



103, 141, 201

# Complementary

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



205, 140, 152



140, 176, 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.



84, 130, 186



205, 140, 152



114, 152, 169

# Square

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



205, 140, 152



122, 168, 110



91, 133, 171



136, 153, 205

# Rectangle

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



205, 140, 152



195, 167, 118



91, 133, 171



94, 137, 197



# Sweetspot

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



205, 140, 152



255, 230, 234



192, 140, 205



128, 112, 115



0, 0, 0



128, 128, 128



# Same Dimension

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



205, 140, 152



255, 158, 176



205, 169, 140



102, 92, 94



166, 0, 31



38, 0, 7



# Inverse Universe

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



205, 140, 152



255, 158, 176



140, 167, 205



102, 92, 94



166, 0, 31

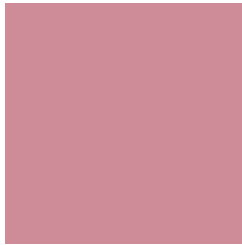


38, 0, 7



# Previews

## White Background



This preview shows how the RYB color 205, 140, 152 looks on a white background.

## Color Contrast Check

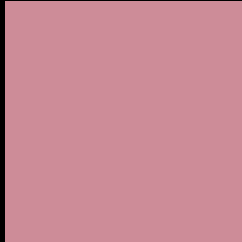
Large Text (above 18pt) WCAG AA × Fail

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, 140, 152 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, 140, 152 Background



This preview shows how black text looks on a background with the RYB color 205, 140, 152.



This preview shows how white text looks on a background with the RYB color 205, 140, 152.

# 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, 140, 152

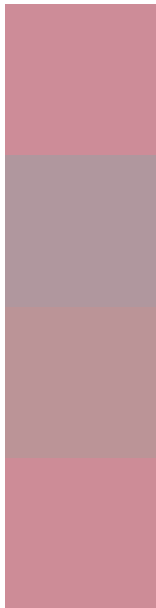
**Protanopia**  
160, 157, 162

**Deuteranopia**  
176, 153, 150



**Tritanopia**  
205, 140, 151

# Trichromacy



**Original Color**

205, 140, 152

**Protanomaly**

176, 151, 158

**Deuteranomaly**

187, 148, 151

**Tritanomaly**

205, 140, 151

# Monochromacy



**Original Color**

205, 140, 152

**Achromatopsia**

161, 161, 161

**Achromatomaly**

177, 153, 158

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 205, 140, 152 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, 140, 152) looks like.

```
.text, #text, p{  
    color:rgb(205, 140, 152)  
}
```

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, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 140, 152) }
```

## Border

The CSS property to change the border of an element to RYB 205, 140, 152 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, 140, 152) }
```

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

```
.border{ border-color:rgb(205, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(205, 140,  
152) }
```

# Background

The CSS property to change the background color of an element to RGB 205, 140, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 140, 152) }
```

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

```
.background{ background-color: rgb(205,  
140, 152) }
```

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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