

Converting Colors

`RYB(203, 158, 165)`

Have a look what the booklet for
RYB(203, 158, 165) contains.

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Color

$\text{RYB}(203, 158, 165)$

Conversions

Conversions Part 1

Format	Color
Hex	CB9EA5
RGB	203, 158, 165
RGB Percent	80%, 62%, 65%
CMY	0.2039, 0.3804, 0.3529
CMYK	0.00, 0.22, 0.19, 0.20
HSL	351°, 30%, 71%
HSV	351°, 22%, 80%
XYZ	43.6470, 39.8668, 40.9919
YIQ	172.2530, 24.5730, 11.7170

Conversions

Conversions Part 2

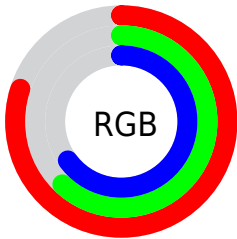
Format	Color
RYB	203, 158, 165
Decimal	13344421
CIELab	69.37, 17.76, 2.78
CIElCh	69, 17.975, 8.908
Yxy	39.8668, 0.3506, 0.3202
Android (android.graphics.Color)	4291534501 (0xFFCB9EA5)
YUV	172.2530, -3.5757, 26.9651
Hunter-Lab	63.1402, 12.8966, 5.7058

Details

The RYB color **203, 158, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **158, 182, 203**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 213, 220**, and **148, 106, 113** is the 20% darker color. If you saturate the color by 10%, you get **203, 138, 148**, and if you desaturate by 10%, it is **203, 178, 182**.

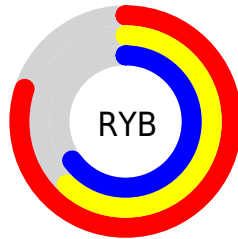
Distribution



Red (80%)

Green (62%)

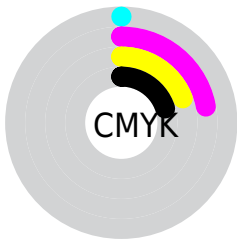
Blue (65%)



Red (80%)

Yellow (62%)

Blue (65%)

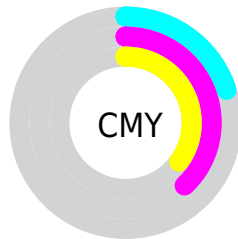


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 203, 158, 165 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 203, 158, 165 by changing the saturation by 10% instead.

 203, 158, 165

 203, 158, 165

255, 255, 255

 175, 132, 139

 255, 213, 220


 148, 106, 113

 255, 241, 248

 122, 82, 89


 96, 59, 66

 72, 36, 44

 48, 15, 23

 28, 0, 1

 0, 0, 0

 203, 158, 165


 203, 158, 165

 203, 138, 148

 203, 178, 182

 203, 117, 131

 203, 199, 199

 203, 97, 114

 203, 212, 219

 203, 77, 96

 203, 222, 239

 203, 57, 79

 203, 230, 255

 203, 36, 62

 203, 229, 255

 203, 16, 45

 203, 0, 32

Harmonies

Analogous

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



195, 159, 181



203, 158, 165



202, 162, 150

Triad

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



203, 158, 165



144, 175, 160



138, 161, 199

Complementary

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



203, 158, 165



158, 182, 203

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.



126, 154, 189



203, 158, 165



141, 167, 178

Square

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



203, 158, 165



145, 177, 137



128, 155, 179



157, 166, 201

Rectangle

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



203, 158, 165



196, 176, 142



128, 155, 179



133, 159, 197

Sweetspot

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



203, 158, 165



255, 237, 240



196, 158, 203



128, 117, 119



0, 0, 0



128, 128, 128

Same Dimension

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



203, 158, 165



255, 186, 197



203, 181, 158



102, 92, 93



166, 0, 26



38, 0, 6

Inverse Universe

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



203, 158, 165



255, 186, 197



158, 176, 203



102, 92, 93



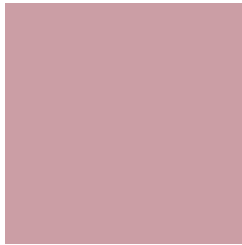
166, 0, 26



38, 0, 6

Previews

White Background



This preview shows how the RYB color 203, 158, 165 looks on a white background.

Color Contrast Check

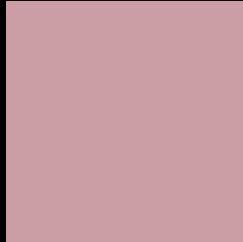
Large Text (above 18pt) WCAG AA × Fail

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 203, 158, 165 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 203, 158, 165 Background



This preview shows how black text looks on a background with the RYB color 203, 158, 165.



This preview shows how white text looks on a background with the RYB color 203, 158, 165.

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
203, 158, 165

Protanopia
172, 169, 171

Deuteranopia
188, 164, 164



Tritanopia
204, 157, 169

Trichromacy



Original Color

203, 158, 165

Protanomaly

183, 165, 169

Deuteranomaly

193, 162, 164

Tritanomaly

204, 157, 168

Monochromacy



Original Color

203, 158, 165

Achromatopsia

172, 172, 172

Achromatomaly

183, 167, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 158, 165 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(203, 158, 165) looks like.

```
.text, #text, p{  
    color:rgb(203, 158, 165)  
}
```

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(203, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 158, 165) }
```

Border

The CSS property to change the border of an element to RYB 203, 158, 165 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(203, 158, 165) }
```

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

```
.border{ border-color:rgb(203, 158, 165) }
```

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

Here you see how a box with a 4 pixel rgb(203, 158, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(203, 158,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 203, 158, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 158, 165) }
```

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

```
.background{ background-color: rgb(203,  
158, 165) }
```

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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