

Converting Colors

`RYB(198, 160, 165)`

Have a look what the booklet for
RYB(198, 160, 165) contains.

RYB(198, 160, 165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(198, 160, 165)$

Conversions

Conversions Part 1

Format	Color
Hex	C6A0A5
RGB	198, 160, 165
RGB Percent	78%, 63%, 65%
CMY	0.2235, 0.3725, 0.3529
CMYK	0.00, 0.19, 0.17, 0.22
HSL	352°, 25%, 70%
HSV	352°, 19%, 78%
XYZ	42.6510, 39.8640, 41.0439
YIQ	171.9320, 21.0430, 9.6110

Conversions

Conversions Part 2

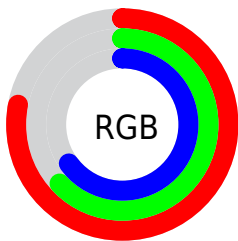
Format	Color
RYB	198, 160, 165
Decimal	13017253
CIELab	69.37, 14.81, 2.72
CIELCh	69, 15.058, 10.403
Yxy	39.8640, 0.3452, 0.3226
Android (android.graphics.Color)	4291207333 (0xFFC6A0A5)
YUV	171.9320, -3.4175, 22.8616
Hunter-Lab	63.1379, 10.0892, 5.6541

Details

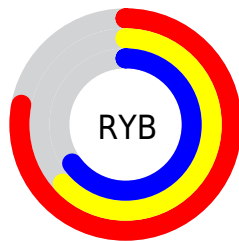
The RYB color **198, 160, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160, 180, 198**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **255, 215, 220**, and **144, 108, 113** is the 20% darker color. If you saturate the color by 10%, you get **198, 140, 148**, and if you desaturate by 10%, it is **198, 180, 182**.

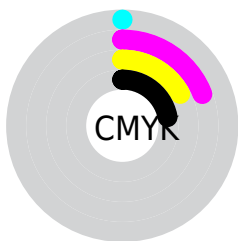
Distribution



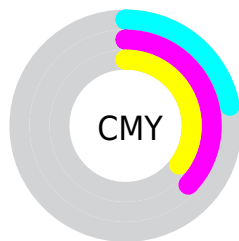
- Red (78%)
- Green (63%)
- Blue (65%)



- Red (78%)
- Yellow (63%)
- Blue (65%)



- Cyan (0%)
- Magenta (19%)
- Yellow (17%)
- Black (22%)



- Cyan (22%)
- Magenta (37%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 160, 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 198, 160, 165 by changing the saturation by 10% instead.


 198, 160, 165

 198, 160, 165

255, 255, 255

 170, 134, 139

 255, 215, 220


 144, 108, 113

 255, 243, 248

 118, 84, 89

 93, 61, 66

 68, 38, 43

 45, 18, 23

 25, 0, 1


 0, 0, 0


 198, 160, 165

 198, 160, 165

 198, 140, 148

 198, 180, 182

 198, 120, 131

 198, 199, 200

 198, 101, 113

 198, 209, 219

 198, 81, 96

 198, 220, 239

 198, 61, 79

 198, 228, 255

 198, 41, 62

 198, 227, 255

 198, 21, 45

 198, 2, 27

 198, 0, 26

Harmonies

Analogous

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



191, 161, 179



198, 160, 165



197, 165, 152

Triad

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



198, 160, 165



148, 174, 162



144, 162, 195

Complementary

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



198, 160, 165



160, 180, 198

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.



135, 158, 187



198, 160, 165



145, 167, 177

Square

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



198, 160, 165



149, 175, 143



135, 157, 177



160, 167, 196

Rectangle

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



198, 160, 165



192, 176, 146



135, 157, 177



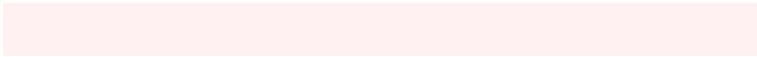
140, 161, 193

Sweetspot

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



198, 160, 165



255, 240, 242



193, 160, 198



128, 119, 120



0, 0, 0



128, 128, 128

Same Dimension

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



198, 160, 165



255, 196, 204



198, 182, 160



99, 90, 91



163, 0, 21



36, 0, 5

Inverse Universe

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



198, 160, 165



255, 196, 204



160, 175, 198



99, 90, 91



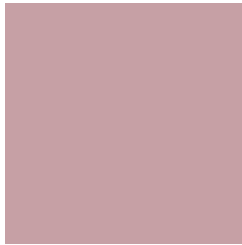
163, 0, 21



36, 0, 5

Previews

White Background



This preview shows how the RYB color 198, 160, 165 looks on a white background.

Color Contrast Check

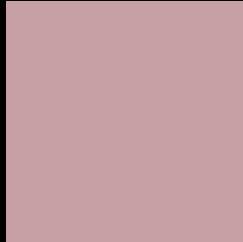
Large Text (above 18pt) WCAG AA × Fail

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 198, 160, 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 198, 160, 165 Background



This preview shows how black text looks on a background with the RYB color 198, 160, 165.



This preview shows how white text looks on a background with the RYB color 198, 160, 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


198, 160, 165

Protanopia

172, 169, 170

Deuteranopia

188, 164, 164



Tritanopia
199, 159, 171

Trichromacy



Original Color

198, 160, 165

Protanomaly

181, 166, 168

Deuteranomaly

192, 163, 164

Tritanomaly

199, 159, 169

Monochromacy



Original Color

198, 160, 165

Achromatopsia

172, 172, 172

Achromatomaly

181, 168, 169

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 160, 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(198, 160, 165) looks like.

```
.text, #text, p{  
    color:rgb(198, 160, 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(198, 160, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 160, 165) }
```

Border

The CSS property to change the border of an element to RYB 198, 160, 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(198, 160, 165) }
```

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

```
.border{ border-color:rgb(198, 160, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 160, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 160, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 160, 165);  
box-shadow:4px 4px 4px 4px rgb(198, 160,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 198, 160, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 160, 165) }
```

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

```
.background{ background-color: rgb(198,  
160, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor