

Converting Colors

`RYB(200, 172, 165)`

Have a look what the booklet for
RYB(200, 172, 165) contains.

RYB(200, 172, 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

R_YB(200, 172, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C8ABA5
RGB	200, 171, 165
RGB Percent	78%, 67%, 65%
CMY	0.2157, 0.3301, 0.3529
CMYK	0.00, 0.15, 0.17, 0.22
HSL	10°, 24%, 72%
HSV	10°, 17%, 78%
XYZ	45.1424, 44.0589, 41.7223
YIQ	178.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

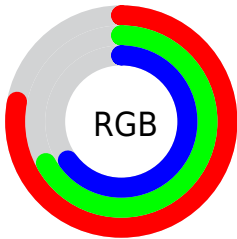
Format	Color
R _Y B	200, 172, 165
Decimal	13151141
CIE Lab	72.27, 9.64, 6.92
CIE LCh	72, 11.869, 35.659
Yxy	44.0589, 0.3448, 0.3365
Android (android.graphics.Color)	4291341221 (0xFFC8ABA5)
YUV	178.9870, -6.8956, 18.4284
Hunter-Lab	66.3769, 5.2370, 9.1961

Details

The RYB color **200, 172, 165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **165, 181, 200**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **255, 227, 220**, and **146, 120, 113** is the 20% darker color. If you saturate the color by 10%, you get **200, 156, 145**, and if you desaturate by 10%, it is **200, 189, 185**.

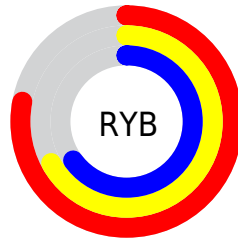
Distribution



Red (78%)

Green (67%)

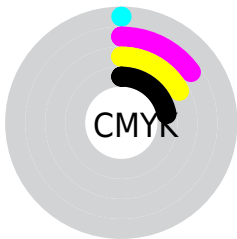
Blue (65%)



Red (78%)

Yellow (67%)

Blue (65%)

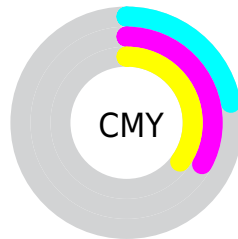


Cyan (0%)

Magenta (15%)

Yellow (17%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 200, 172, 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 200, 172, 165 by changing the saturation by 10% instead.

 200, 172, 165

 200, 172, 165

255, 255, 255

 172, 145, 139

 255, 227, 220


 146, 120, 113

 248, 255, 248

 120, 95, 89


 95, 71, 65


 70, 49, 43


 47, 28, 23


 28, 0, 0


 0, 0, 0

 200, 172, 165


 200, 172, 165

 200, 156, 145


 200, 189, 185

 200, 141, 125

 200, 202, 205

 200, 124, 105

 200, 211, 225

 200, 108, 85

 200, 221, 245

 200, 93, 65

 200, 227, 255

 200, 76, 45

 200, 228, 255

 200, 60, 25

 200, 45, 5

 200, 40, 0

Harmonies

Analogous

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



200, 170, 175



200, 172, 165



194, 187, 158

Triad

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



200, 172, 165



160, 177, 183



168, 175, 199

Complementary

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



200, 172, 165



165, 181, 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.



156, 172, 197



200, 172, 165



152, 169, 184

Square

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



200, 172, 165



159, 180, 167



150, 168, 189



182, 174, 195

Rectangle

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



200, 172, 165



175, 188, 156



150, 168, 189



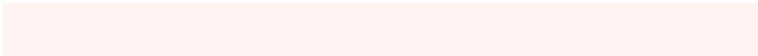
164, 175, 199

Sweetspot

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



200, 172, 165



255, 244, 242



200, 165, 194



128, 121, 120



0, 0, 0



128, 128, 128

Same Dimension

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



200, 172, 165



255, 212, 201



183, 200, 165



99, 91, 90



163, 32, 0



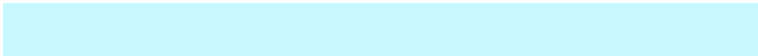
36, 7, 0

Inverse Universe

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



165, 181, 200



201, 226, 255



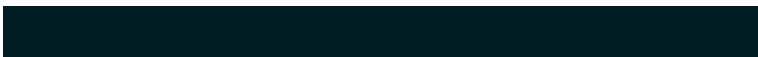
165, 174, 200



90, 94, 99



0, 74, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 200, 172, 165 looks on a white background.

Color Contrast Check

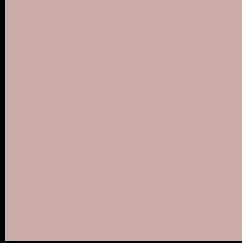
Large Text (above 18pt) WCAG AA × Fail

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 200, 172, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

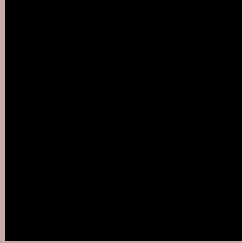
Any Text WCAG AA ✓ Pass

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](#).

RYP 200, 172, 165 Background



This preview shows how black text looks on a background with the RYB color 200, 172, 165.



This preview shows how white text looks on a background with the RYB color 200, 172, 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
200, 172, 165

Protanopia
178, 183, 168

Deuteranopia
199, 172, 165



Tritanopia
202, 168, 181

Trichromacy



Original Color

200, 172, 165

Protanomaly

189, 180, 167

Deuteranomaly

199, 172, 165

Tritanomaly

201, 169, 175

Monochromacy



Original Color

200, 172, 165

Achromatopsia

179, 179, 179

Achromatomaly

187, 176, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 172, 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(200, 171, 165) looks like.

```
.text, #text, p{  
    color:rgb(200, 171, 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(200, 171, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 171, 165) }
```

Border

The CSS property to change the border of an element to RYB 200, 172, 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(200, 171, 165) }
```

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

```
.border{ border-color:rgb(200, 171, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 171, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 171, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 171, 165);  
box-shadow:4px 4px 4px 4px rgb(200, 171,  
165) }
```

Background

The CSS property to change the background color of an element to RGB 200, 171, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 171, 165) }
```

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

```
.background{ background-color: rgb(200,  
171, 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