

Converting Colors

`RYB(204, 170, 184)`

Have a look what the booklet for
RYB(204, 170, 184) contains.

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Color

R_YB(204, 170, 184)

Conversions

Conversions Part 1

Format	Color
Hex	CCAAB8
RGB	204, 170, 184
RGB Percent	80%, 67%, 72%
CMY	0.2000, 0.3333, 0.2784
CMYK	0.00, 0.17, 0.10, 0.20
HSL	335°, 25%, 73%
HSV	335°, 17%, 80%
XYZ	47.9283, 45.0475, 51.5163
YIQ	181.7620, 15.7700, 11.5620

Conversions

Conversions Part 2

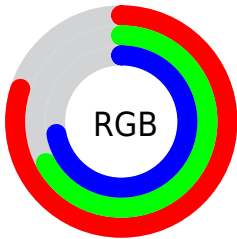
Format	Color
RYB	204, 170, 184
Decimal	13413048
CIELab	72.92, 14.68, -2.53
CIELCh	73, 14.900, 350.229
Yxy	45.0475, 0.3317, 0.3118
Android (android.graphics.Color)	4291603128 (0xFFCCAAB8)
YUV	181.7620, 1.1033, 19.5027
Hunter-Lab	67.1174, 10.0106, 1.4739

Details

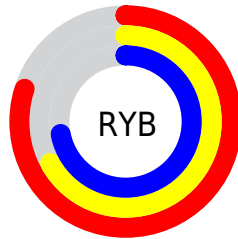
The RYB color **204, 170, 184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **170, 191, 204**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 225, 240**, and **150, 118, 131** is the 20% darker color. If you saturate the color by 10%, you get **204, 150, 172**, and if you desaturate by 10%, it is **204, 190, 196**.

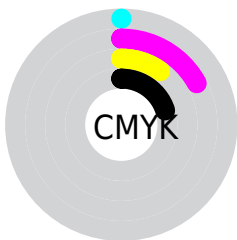
Distribution



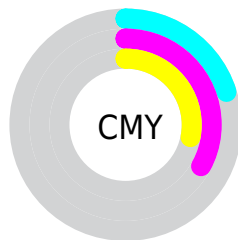
- Red (80%)
- Green (67%)
- Blue (72%)



- Red (80%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 170, 184 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 204, 170, 184 by changing the saturation by 10% instead.

 204, 170, 184

255, 255, 255

 255, 225, 240


255, 254, 255

 204, 170, 184


 176, 143, 157

 150, 118, 131

 123, 93, 106

 98, 69, 82

 74, 47, 59


 51, 25, 37

 31, 0, 16


 0, 0, 0

 204, 170, 184

 204, 170, 184

 204, 150, 172

 204, 190, 196

 204, 129, 160


 204, 208, 211

 204, 109, 148

 204, 221, 231

 204, 88, 136


 204, 234, 252

 204, 68, 124

 204, 233, 255

 204, 48, 112

 204, 230, 255

 204, 27, 100

 204, 7, 88

 204, 0, 84

Harmonies

Analogous

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



192, 173, 197



204, 170, 184



208, 170, 170

Triad

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



204, 170, 184



153, 181, 154



147, 169, 199

Complementary

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



204, 170, 184



170, 191, 204

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.



144, 166, 188



204, 170, 184



161, 185, 182

Square

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



204, 170, 184



181, 194, 152



151, 173, 187



159, 174, 205

Rectangle

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



204, 170, 184



207, 173, 162



151, 173, 187



145, 168, 196

Sweetspot

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



204, 170, 184



255, 242, 248



190, 170, 204



128, 120, 123



0, 0, 0



128, 128, 128

Same Dimension

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



204, 170, 184



255, 204, 225



204, 173, 170



102, 92, 96



166, 0, 68



38, 0, 16

Inverse Universe

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



204, 170, 184



255, 204, 225



170, 186, 204



102, 92, 96



166, 0, 68



38, 0, 16

Previews

White Background



This preview shows how the RYB color 204, 170, 184 looks on a white background.

Color Contrast Check

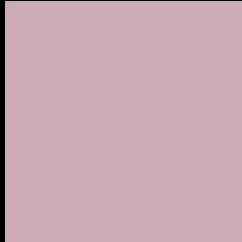
Large Text (above 18pt) WCAG AA × Fail

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 204, 170, 184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

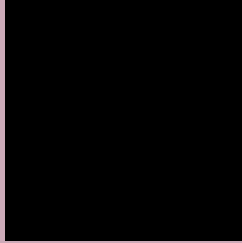
Any Text WCAG AA ✓ Pass

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](#).

R Y B 204, 170, 184 Background



This preview shows how black text looks on a background with the RYB color 204, 170, 184.



This preview shows how white text looks on a background with the RYB color 204, 170, 184.

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
204, 170, 184

Protanopia
180, 178, 189

Deuteranopia
195, 174, 183



Tritanopia
204, 170, 183

Trichromacy



Original Color

204, 170, 184

Protanomaly

189, 175, 187

Deuteranomaly

198, 173, 183

Tritanomaly

204, 170, 183

Monochromacy



Original Color

204, 170, 184

Achromatopsia

182, 182, 182

Achromatomaly

190, 178, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 170, 184 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(204, 170, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 184)  
}
```

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(204, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 184) }
```

Border

The CSS property to change the border of an element to RYB 204, 170, 184 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(204, 170, 184) }
```

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

```
.border{ border-color:rgb(204, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 204, 170, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 184) }
```

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

```
.background{ background-color: rgb(204,  
170, 184) }
```

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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