

Converting Colors

`RYB(204, 182, 188)`

Have a look what the booklet for
RYB(204, 182, 188) contains.

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Color

R_YB(204, 182, 188)

Conversions

Conversions Part 1

Format	Color
Hex	CCB6BC
RGB	204, 182, 188
RGB Percent	80%, 71%, 74%
CMY	0.2000, 0.2863, 0.2627
CMYK	0.00, 0.11, 0.08, 0.20
HSL	344°, 18%, 76%
HSV	344°, 11%, 80%
XYZ	50.7069, 49.9241, 54.5407
YIQ	189.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

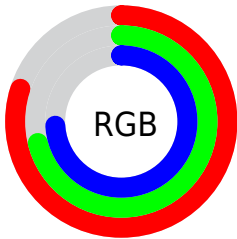
Format	Color
RYB	204, 182, 188
Decimal	13416124
CIELab	76.02, 8.87, -0.18
CIElCh	76, 8.873, 358.859
Yxy	49.9241, 0.3268, 0.3217
Android (android.graphics.Color)	4291606204 (0xFFCCB6BC)
YUV	189.2620, -0.6222, 12.9252
Hunter-Lab	70.6570, 4.4505, 3.6934

Details

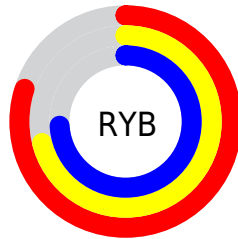
The RYB color **204, 182, 188** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182, 195, 204**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **255, 238, 244**, and **150, 129, 135** is the 20% darker color. If you saturate the color by 10%, you get **204, 162, 173**, and if you desaturate by 10%, it is **204, 202, 203**.

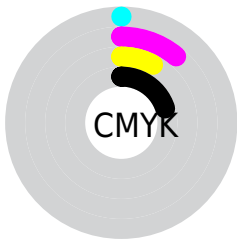
Distribution



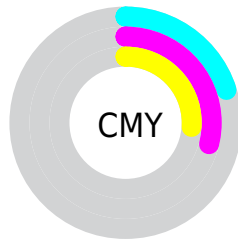
- Red (80%)
- Green (71%)
- Blue (74%)



- Red (80%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (20%)




- Cyan (20%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 204, 182, 188 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, 182, 188 by changing the saturation by 10% instead.


 204, 182, 188


255, 255, 255

 255, 238, 244

 204, 182, 188

 176, 155, 161


 150, 129, 135

 124, 104, 110


 99, 80, 85


 75, 57, 62


 52, 35, 40

 31, 14, 20


 0, 0, 0

 204, 182, 188


 204, 182, 188

 204, 162, 173


 204, 202, 203

 204, 141, 158

 204, 215, 223

 204, 121, 143

 204, 226, 243

 204, 100, 129

 204, 232, 255

 204, 80, 114

 204, 230, 255

 204, 60, 99

 204, 39, 84

 204, 19, 69

 204, 0, 56

Harmonies

Analogous

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



198, 183, 196



204, 182, 188



205, 182, 180

Triad

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



204, 182, 188



173, 189, 177



171, 183, 201

Complementary

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



204, 182, 188



182, 195, 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.



167, 180, 195



204, 182, 188



176, 189, 191

Square

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



204, 182, 188



183, 195, 171



169, 182, 192



179, 186, 204

Rectangle

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



204, 182, 188



204, 186, 175



169, 182, 192



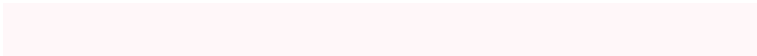
169, 182, 199

Sweetspot

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



204, 182, 188



255, 247, 249



198, 182, 204



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



204, 182, 188



255, 222, 231



204, 188, 182



102, 92, 95



166, 0, 45



38, 0, 10

Inverse Universe

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



204, 182, 188



255, 222, 231



182, 192, 204



102, 92, 95



166, 0, 45



38, 0, 10

Previews

White Background



This preview shows how the RYB color 204, 182, 188 looks on a white background.

Color Contrast Check

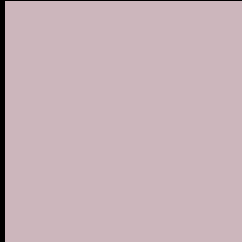
Large Text (above 18pt) WCAG AA × Fail

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, 182, 188 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, 182, 188 Background



This preview shows how black text looks on a background with the R/Y/B color 204, 182, 188.



This preview shows how white text looks on a background with the R/Y/B color 204, 182, 188.

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, 182, 188

Protanopia
190, 187, 191

Deuteranopia
205, 182, 188



Tritanopia
205, 181, 195

Trichromacy



Original Color

204, 182, 188

Protanomaly

195, 185, 190

Deuteranomaly

205, 182, 188

Tritanomaly

205, 181, 192

Monochromacy



Original Color

204, 182, 188

Achromatopsia

189, 189, 189

Achromatomaly

194, 186, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 182, 188 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, 182, 188) looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 188)  
}
```

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, 182, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 188) }
```

Border

The CSS property to change the border of an element to RYB 204, 182, 188 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, 182, 188) }
```

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

```
.border{ border-color:rgb(204, 182, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 188);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
188) }
```

Background

The CSS property to change the background color of an element to RGB 204, 182, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 188) }
```

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

```
.background{ background-color: rgb(204,  
182, 188) }
```

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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