

Converting Colors

`RYB(204, 178, 178)`

Have a look what the booklet for
RYB(204, 178, 178) contains.

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Color

R_YB(204, 178, 178)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CCB2B2 |
| RGB | 204, 178, 178 |
| RGB Percent | 80%, 70%, 70% |
| CMY | 0.2000, 0.3020, 0.3020 |
| CMYK | 0.00, 0.13, 0.13, 0.20 |
| HSL | 0°, 20%, 75% |
| HSV | 0°, 13%, 80% |
| XYZ | 48.8581, 47.8925, 48.7886 |
| YIQ | 185.7740, 15.4960, 5.5120 |

Conversions

Conversions Part 2

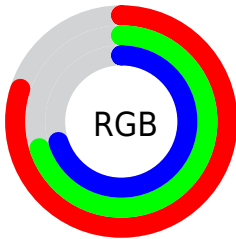
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 204, 178, 178 |
| Decimal | 13415090 |
| CIE Lab | 74.76, 9.34, 3.43 |
| CIE LCh | 75, 9.948, 20.193 |
| Yxy | 47.8925, 0.3357, 0.3291 |
| Android (android.graphics.Color) | 4291605170 (0xFFCCB2B2) |
| YUV | 185.7740, -3.8326, 15.9842 |
| Hunter-Lab | 69.2044, 4.9128, 6.6441 |

Details

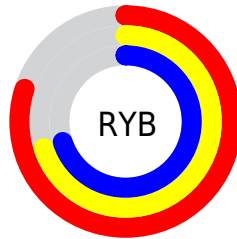
The RYB color **204, 178, 178** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **178, 191, 204**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 234, 234**, and **150, 125, 125** is the 20% darker color. If you saturate the color by 10%, you get **204, 158, 158**, and if you desaturate by 10%, it is **204, 198, 198**.

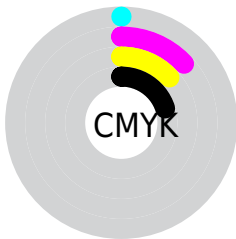
Distribution



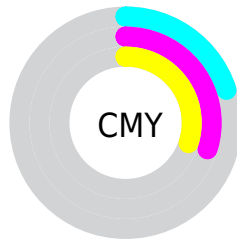
- Red (80%)
- Green (70%)
- Blue (70%)



- Red (80%)
- Yellow (70%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (13%)
- Black (20%)





- Cyan (20%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 178, 178 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, 178, 178 by changing the saturation by 10% instead.

 204, 178, 178


 204, 178, 178

255, 255, 255

 176, 151, 151


 255, 234, 234

 150, 125, 125

 124, 100, 100


 98, 76, 77


 74, 54, 54


 51, 32, 33

 31, 10, 9


 0, 0, 0

 204, 178, 178

 204, 178, 178

 204, 158, 158

 204, 198, 198

 204, 137, 137

 204, 212, 219

 204, 117, 117

 204, 222, 239

 204, 96, 96

 204, 230, 255

 204, 76, 76

 204, 56, 56

 204, 35, 35

 204, 15, 15

 204, 0, 0

Harmonies

Analogous

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



201, 178, 187



204, 178, 178



202, 185, 170

Triad

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



204, 178, 178



172, 188, 186



171, 181, 202

Complementary

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



204, 178, 178



178, 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.



163, 178, 198



204, 178, 178



166, 180, 189

Square

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



204, 178, 178



167, 185, 167



161, 175, 190



182, 183, 201

Rectangle

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



204, 178, 178



197, 193, 167



161, 175, 190



168, 180, 201

Sweetspot

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



204, 178, 178



255, 245, 245



204, 178, 204



128, 121, 121



0, 0, 0



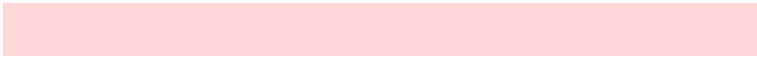
128, 128, 128

Same Dimension

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



204, 178, 178



255, 217, 217



204, 204, 178



102, 92, 92



166, 0, 0



38, 0, 0

Inverse Universe

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



178, 191, 204



217, 236, 255



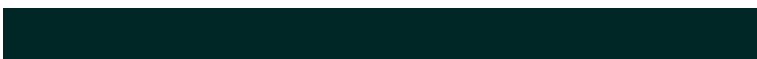
178, 187, 204



92, 97, 102



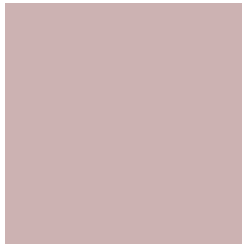
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 204, 178, 178 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, 178, 178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

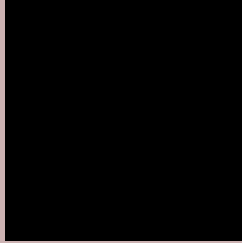
Any Text WCAG AA ✓ Pass

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 204, 178, 178 Background



This preview shows how black text looks on a background with the RYB color 204, 178, 178.




This preview shows how white text looks on a background with the RYB color 204, 178, 178.

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, 178, 178 |
|  | Protanopia 188, 184, 181 |
|  | Deuteranopia 204, 178, 178 |



Tritanopia
206, 176, 190

Trichromacy



Original Color

204, 178, 178

Protanomaly

194, 181, 180

Deuteranomaly

204, 178, 178

Tritanomaly

205, 177, 186

Monochromacy



Original Color

204, 178, 178

Achromatopsia

186, 186, 186

Achromatomaly

193, 183, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 178, 178 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, 178, 178) looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 178)  
}
```

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, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 178) }
```

Border

The CSS property to change the border of an element to RYB 204, 178, 178 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, 178, 178) }
```

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

```
.border{ border-color:rgb(204, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
178) }
```

Background

The CSS property to change the background color of an element to RGB 204, 178, 178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 178) }
```

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

```
.background{ background-color: rgb(204,  
178, 178) }
```

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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