

Converting Colors

`RYB(198, 184, 180)`

Have a look what the booklet for
RYB(198, 184, 180) contains.

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Color

$\text{RYB}(198, 184, 180)$

Conversions

Conversions Part 1

Format	Color
Hex	C6B7B4
RGB	198, 183, 180
RGB Percent	78%, 72%, 71%
CMY	0.2235, 0.2813, 0.2941
CMYK	0.00, 0.07, 0.09, 0.22
HSL	11°, 14%, 74%
HSV	11°, 9%, 78%
XYZ	48.5167, 49.2806, 50.1350
YIQ	187.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

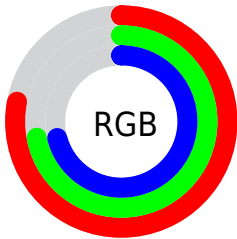
Format	Color
RYB	198, 184, 180
Decimal	13023156
CIELab	75.63, 4.66, 3.54
CIELCh	76, 5.848, 37.204
Yxy	49.2806, 0.3280, 0.3331
Android (android.graphics.Color)	4291213236 (0xFFC6B7B4)
YUV	187.1430, -3.5215, 9.5216
Hunter-Lab	70.2002, 0.5145, 6.7968

Details

The RYB color **198, 184, 180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **180, 188, 198**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **255, 240, 236**, and **144, 131, 127** is the 20% darker color. If you saturate the color by 10%, you get **198, 169, 160**, and if you desaturate by 10%, it is **198, 199, 200**.

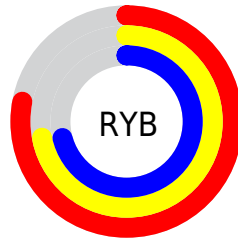
Distribution



Red (78%)

Green (72%)

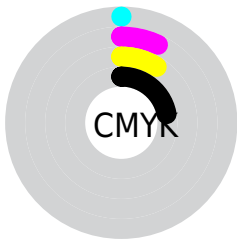
Blue (71%)



Red (78%)

Yellow (72%)

Blue (71%)

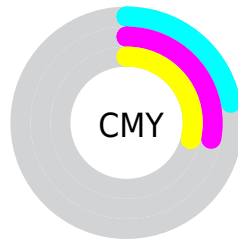


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 184, 180 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, 184, 180 by changing the saturation by 10% instead.


 198, 184, 180

255, 255, 255

 255, 240, 236

 198, 184, 180

 171, 157, 153

 144, 131, 127

 118, 106, 102

 94, 82, 78


 70, 58, 56

 47, 38, 34

 27, 17, 12

 0, 0, 0

 198, 184, 180


 198, 184, 180

 198, 169, 160

 198, 199, 200

 198, 154, 140


 198, 208, 220

 198, 138, 121

 198, 217, 239

 198, 122, 101

 198, 225, 255

 198, 107, 81

 198, 227, 255

 198, 92, 61

 198, 77, 41

 198, 61, 22

 198, 45, 2

Harmonies

Analogous

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



198, 183, 185



198, 184, 180



195, 191, 177

Triad

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



198, 184, 180



178, 186, 189



183, 185, 197

Complementary

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



198, 184, 180



180, 188, 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.



177, 184, 196



198, 184, 180



174, 183, 190

Square

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



198, 184, 180



178, 188, 183



174, 182, 193



189, 185, 195

Rectangle

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



198, 184, 180



186, 192, 176



174, 182, 193



180, 185, 197

Sweetspot

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



198, 184, 180



255, 250, 247



198, 180, 195



128, 123, 122



0, 0, 0



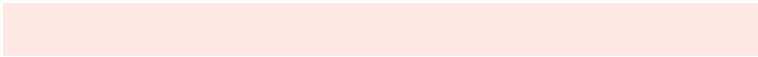
128, 128, 128

Same Dimension

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



198, 184, 180



255, 233, 227



189, 198, 180



99, 91, 90



163, 37, 0



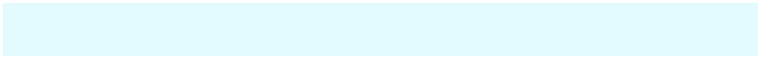
36, 7, 0

Inverse Universe

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



180, 188, 198



227, 240, 255



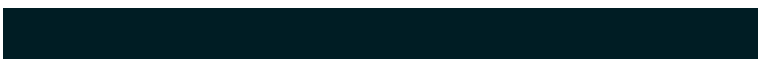
180, 185, 198



90, 94, 99



0, 74, 163



0, 16, 36

Previews

White Background



This preview shows how the RYB color 198, 184, 180 looks on a white background.

Color Contrast Check

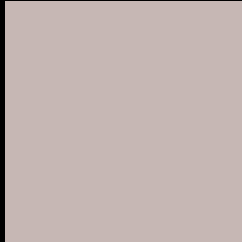
Large Text (above 18pt) WCAG AA × Fail

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, 184, 180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

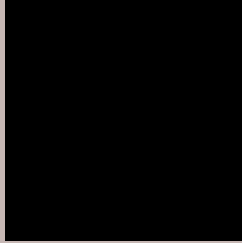
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

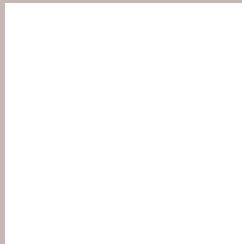
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 198, 184, 180 Background



This preview shows how black text looks on a background with the RYB color 198, 184, 180.



This preview shows how white text looks on a background with the RYB color 198, 184, 180.

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, 184, 180

Protanopia
191, 191, 181

Deuteranopia
206, 180, 181



Tritanopia
200, 181, 195

Trichromacy



Original Color

198, 184, 180

Protanomaly

194, 187, 181

Deuteranomaly

203, 181, 181

Tritanomaly

199, 182, 190

Monochromacy



Original Color

198, 184, 180

Achromatopsia

187, 187, 187

Achromatomaly

191, 187, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 184, 180 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, 183, 180) looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 180)  
}
```

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, 183, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 180) }
```

Border

The CSS property to change the border of an element to RYB 198, 184, 180 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, 183, 180) }
```

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

```
.border{ border-color:rgb(198, 183, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
180) }
```

Background

The CSS property to change the background color of an element to RYB 198, 184, 180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 180) }
```

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

```
.background{ background-color: rgb(198,  
183, 180) }
```

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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