

Converting Colors

`RYB(200, 183, 182)`

Have a look what the booklet for RYB(200, 183, 182) contains.

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Color

R_YB(200, 183, 182)

Conversions

Conversions Part 1

Format	Color
Hex	C8B7B6
RGB	200, 183, 182
RGB Percent	78%, 72%, 71%
CMY	0.2157, 0.2826, 0.2863
CMYK	0.00, 0.09, 0.09, 0.22
HSL	3°, 14%, 75%
HSV	3°, 9%, 78%
XYZ	49.1855, 49.5020, 51.2185
YIQ	187.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

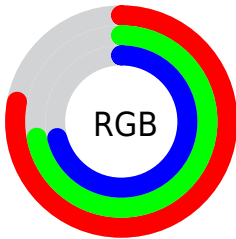
Format	Color
R _Y B	200, 183, 182
Decimal	13154230
CIE Lab	75.76, 5.90, 2.67
CIE LCh	76, 6.471, 24.348
Yxy	49.5020, 0.3281, 0.3302
Android (android.graphics.Color)	4291344310 (0xFFC8B7B6)
YUV	187.9690, -2.9427, 10.5512
Hunter-Lab	70.3577, 1.6596, 6.0889

Details

The RYB color **200, 183, 182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **182, 191, 200**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **255, 239, 238**, and **146, 130, 129** is the 20% darker color. If you saturate the color by 10%, you get **200, 164, 162**, and if you desaturate by 10%, it is **200, 201, 202**.

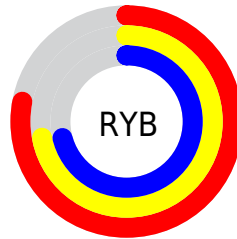
Distribution



Red (78%)

Green (72%)

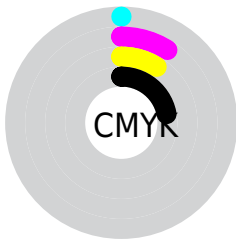
Blue (71%)



Red (78%)

Yellow (72%)

Blue (71%)

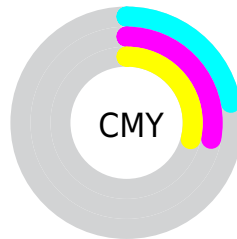


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 200, 183, 182 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, 183, 182 by changing the saturation by 10% instead.


 200, 183, 182

 200, 183, 182

255, 255, 255

 173, 156, 155

 255, 239, 238

 146, 130, 129

 120, 105, 104

 95, 81, 80

 72, 58, 57

 49, 36, 36

 29, 15, 14


 0, 0, 0


 200, 183, 182


 200, 183, 182

 200, 164, 162


 200, 201, 202

 200, 145, 142

 200, 211, 222

 200, 126, 122

 200, 220, 242


 200, 107, 102

 200, 228, 255

 200, 88, 82

 200, 69, 62

 200, 50, 42

 200, 31, 22

 200, 13, 2

Harmonies

Analogous

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



198, 183, 188



200, 183, 182



198, 188, 177

Triad

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



200, 183, 182



180, 189, 189



179, 185, 198

Complementary

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



200, 183, 182



182, 191, 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.



174, 183, 196



200, 183, 182



174, 183, 190

Square

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



200, 183, 182



176, 188, 178



172, 181, 191



187, 186, 198

Rectangle

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



200, 183, 182



195, 195, 175



172, 181, 191



177, 184, 198

Sweetspot

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



200, 183, 182



255, 248, 247



200, 182, 199



128, 123, 122



0, 0, 0



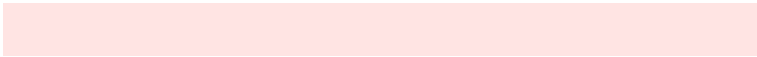
128, 128, 128

Same Dimension

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



200, 183, 182



255, 228, 227



196, 200, 182



99, 90, 90



163, 10, 0



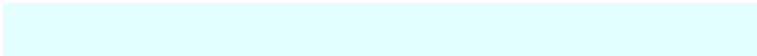
36, 2, 0

Inverse Universe

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



182, 191, 200



227, 241, 255



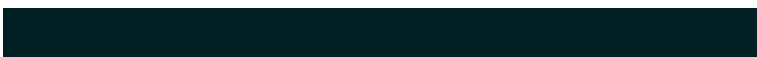
182, 188, 200



90, 95, 99



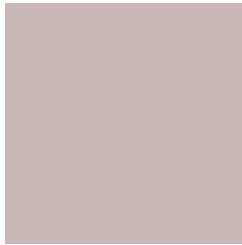
0, 79, 163



0, 17, 36

Previews

White Background



This preview shows how the RYB color 200, 183, 182 looks on a white background.

Color Contrast Check

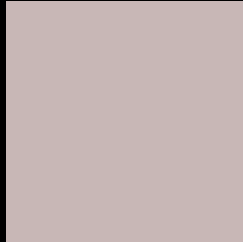
Large Text (above 18pt) WCAG AA × Fail

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, 183, 182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

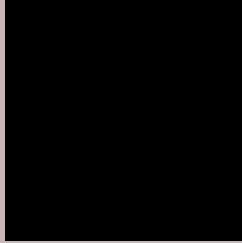
Any Text WCAG AA ✓ Pass

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 200, 183, 182 Background



This preview shows how black text looks on a background with the RYB color 200, 183, 182.



This preview shows how white text looks on a background with the RYB color 200, 183, 182.

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, 183, 182

Protanopia
191, 187, 184

Deuteranopia
206, 181, 182



Tritanopia
202, 181, 195

Trichromacy



Original Color

200, 183, 182

Protanomaly

194, 185, 183

Deuteranomaly

204, 182, 182

Tritanomaly

201, 182, 190

Monochromacy



Original Color

200, 183, 182

Achromatopsia

188, 188, 188

Achromatomaly

192, 186, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 200, 183, 182 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, 183, 182) looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 182)  
}
```

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, 183, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 182) }
```

Border

The CSS property to change the border of an element to RYB 200, 183, 182 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, 183, 182) }
```

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

```
.border{ border-color:rgb(200, 183, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 182);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 200, 183, 182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 182) }
```

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

```
.background{ background-color: rgb(200,  
183, 182) }
```

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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