

Converting Colors

`RYB(208, 186, 183)`

Have a look what the booklet for RYB(208, 186, 183) contains.

RYB(208, 186, 183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(208, 186, 183)$

Conversions

Conversions Part 1

Format	Color
Hex	D0BAB7
RGB	208, 186, 183
RGB Percent	82%, 73%, 72%
CMY	0.1843, 0.2718, 0.2824
CMYK	0.00, 0.11, 0.12, 0.18
HSL	6°, 21%, 77%
HSV	6°, 12%, 82%
XYZ	52.0509, 51.8113, 52.0570
YIQ	192.2360, 14.0750, 3.7310

Conversions

Conversions Part 2

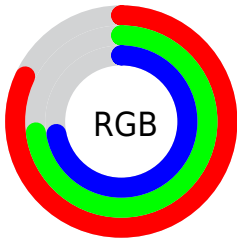
Format	Color
R _Y B	208, 186, 183
Decimal	13679287
CIE Lab	77.17, 7.49, 4.25
CIE LCh	77, 8.607, 29.562
Yxy	51.8113, 0.3338, 0.3323
Android (android.graphics.Color)	4291869367 (0xFFD0BAB7)
YUV	192.2360, -4.5533, 13.8250
Hunter-Lab	71.9801, 3.1135, 7.5067

Details

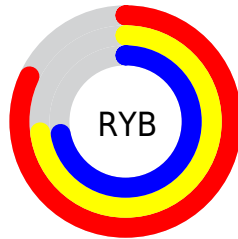
The RYB color **208, 186, 183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **183, 195, 208**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **255, 243, 239**, and **153, 133, 130** is the 20% darker color. If you saturate the color by 10%, you get **208, 168, 162**, and if you desaturate by 10%, it is **208, 204, 204**.

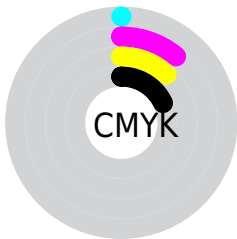
Distribution



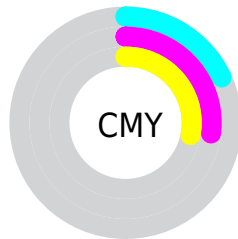
- Red (82%)
- Green (73%)
- Blue (72%)



- Red (82%)
- Yellow (73%)
- Blue (72%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 186, 183 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 208, 186, 183 by changing the saturation by 10% instead.


 208, 186, 183

 208, 186, 183

255, 255, 255

 180, 159, 156

 255, 243, 239

 153, 133, 130

 127, 107, 105

 102, 83, 81

 78, 60, 58

 55, 38, 36

 33, 19, 15

 0, 0, 0

 208, 186, 183


 208, 186, 183

 208, 168, 162

 208, 204, 204

 208, 150, 141

 208, 216, 225

 208, 131, 121

 208, 225, 245

 208, 112, 100

 208, 232, 255

 208, 95, 79

 208, 76, 58

 208, 58, 37

 208, 39, 17

 208, 25, 0

Harmonies

Analogous

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



207, 185, 191



208, 186, 183



205, 193, 177

Triad

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



208, 186, 183



179, 192, 194



182, 189, 206

Complementary

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



208, 186, 183



183, 195, 208

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, 186, 204



208, 186, 183



173, 185, 195

Square

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



208, 186, 183



177, 192, 181



171, 184, 198



192, 189, 204

Rectangle

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



208, 186, 183



195, 200, 175



171, 184, 198



179, 188, 206

Sweetspot

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



208, 186, 183



255, 246, 245



208, 183, 206



128, 122, 121



0, 0, 0



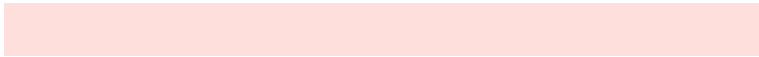
128, 128, 128

Same Dimension

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



208, 186, 183



255, 224, 219



200, 208, 183



105, 95, 94



168, 20, 0



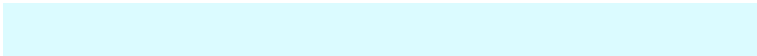
41, 4, 0

Inverse Universe

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



183, 195, 208



219, 236, 255



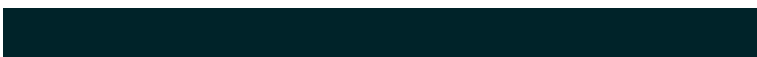
183, 190, 208



94, 99, 105



0, 79, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 208, 186, 183 looks on a white background.

Color Contrast Check

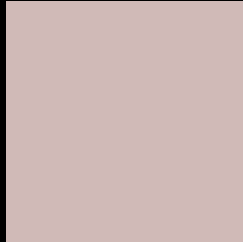
Large Text (above 18pt) WCAG AA × Fail

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 208, 186, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

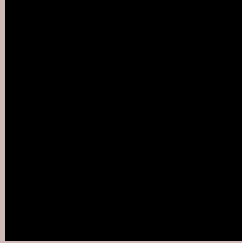
Any Text WCAG AA ✓ Pass

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 208, 186, 183 Background



This preview shows how black text looks on a background with the RYB color 208, 186, 183.




This preview shows how white text looks on a background with the RYB color 208, 186, 183.

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 208, 186, 183
	Protanopia 195, 195, 185
	Deuteranopia 212, 184, 183



Tritanopia
210, 183, 198

Trichromacy



Original Color

208, 186, 183

Protanomaly

200, 189, 184

Deuteranomaly

211, 185, 183

Tritanomaly

209, 184, 193

Monochromacy



Original Color

208, 186, 183

Achromatopsia

192, 192, 192

Achromatomaly

198, 190, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 186, 183 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(208, 186, 183) looks like.

```
.text, #text, p{  
    color:rgb(208, 186, 183)  
}
```

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(208, 186, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 186, 183) }
```

Border

The CSS property to change the border of an element to RYB 208, 186, 183 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(208, 186, 183) }
```

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

```
.border{ border-color:rgb(208, 186, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 186, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 186, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 186, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 186,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 208, 186, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 186, 183) }
```

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

```
.background{ background-color: rgb(208,  
186, 183) }
```

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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