

Converting Colors

`RYB(208, 206, 187)`

Have a look what the booklet for
RYB(208, 206, 187) contains.

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Color

R_YB(208, 206, 187)

Conversions

Conversions Part 1

Format	Color
Hex	D0C5BB
RGB	208, 197, 187
RGB Percent	82%, 77%, 73%
CMY	0.1843, 0.2275, 0.2667
CMYK	0.00, 0.05, 0.10, 0.18
HSL	29°, 18%, 77%
HSV	29°, 10%, 82%
XYZ	54.9426, 56.9189, 55.1044
YIQ	199.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

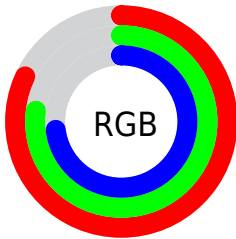
Format	Color
RYB	208, 206, 187
Decimal	13682107
CIELab	80.13, 2.14, 6.37
CIELCh	80, 6.717, 71.412
Yxy	56.9189, 0.3291, 0.3409
Android (android.graphics.Color)	4291872187 (0xFFD0C5BB)
YUV	199.1490, -5.9895, 7.7623
Hunter-Lab	75.4446, -2.0352, 9.5061

Details

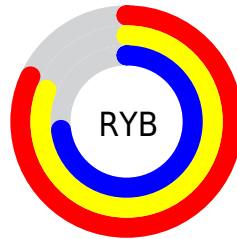
The RYB color **208, 206, 187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 194, 208**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **244, 255, 243**, and **154, 150, 134** is the 20% darker color. If you saturate the color by 10%, you get **208, 204, 166**, and if you desaturate by 10%, it is **208, 208, 208**.

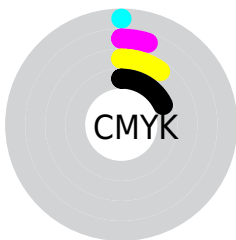
Distribution



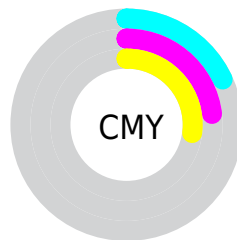
- Red (82%)
- Green (77%)
- Blue (73%)



- Red (82%)
- Yellow (81%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 208, 206, 187 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, 206, 187 by changing the saturation by 10% instead.


 208, 206, 187

255, 255, 255


 244, 255, 243

 208, 206, 187

 180, 180, 160

 154, 150, 134

 128, 126, 109

 102, 102, 84

 76, 78, 61

 55, 55, 39

 34, 32, 19

 6, 0, 0

 0, 0, 0

 208, 206, 187

 208, 206, 187

 208, 204, 166

 208, 208, 208

 208, 202, 145


 208, 215, 229

 208, 199, 125


 208, 222, 249

 208, 197, 104


 208, 227, 255


 208, 195, 83

 208, 231, 255

 208, 193, 62

 208, 232, 255

 208, 195, 41

 208, 191, 21

 208, 189, 0

Harmonies

Analogous

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



212, 196, 191



208, 206, 187



190, 202, 186

Triad

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



208, 206, 187



184, 194, 203



203, 196, 208

Complementary

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



208, 206, 187



187, 194, 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.



195, 198, 211



208, 206, 187



184, 194, 207

Square

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



208, 206, 187



188, 197, 202



188, 196, 210



209, 195, 203

Rectangle

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



208, 206, 187



188, 200, 191



188, 196, 210



200, 197, 209

Sweetspot

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



208, 206, 187



255, 255, 247



208, 187, 198



128, 128, 122



0, 0, 0



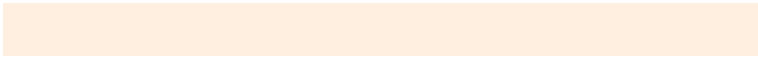
128, 128, 128

Same Dimension

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



208, 206, 187



255, 253, 224



188, 208, 187



105, 103, 94



168, 153, 0



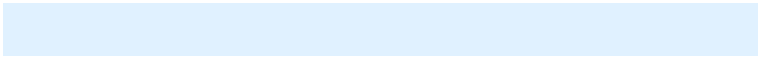
41, 35, 0

Inverse Universe

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



187, 194, 208



224, 235, 255



187, 188, 208



94, 98, 105



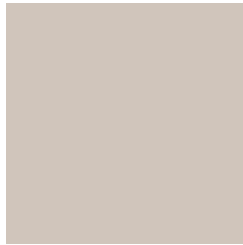
0, 58, 168



0, 14, 41

Previews

White Background



This preview shows how the RYB color 208, 206, 187 looks on a white background.

Color Contrast Check

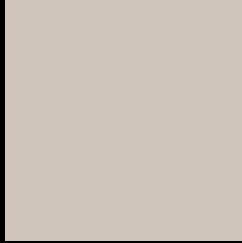
Large Text (above 18pt) WCAG AA × Fail

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, 206, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

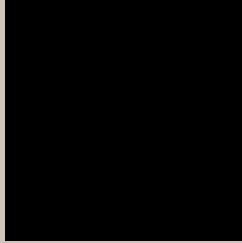
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

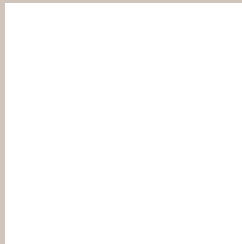
Any Text WCAG AAA ✓ Pass

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

RYB 208, 206, 187 Background



This preview shows how black text looks on a background with the RYB color 208, 206, 187.

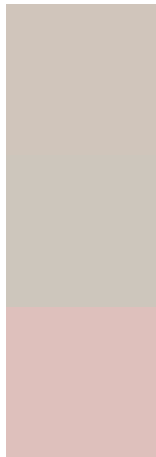


This preview shows how white text looks on a background with the RYB color 208, 206, 187.

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, 206, 187

Protanopia
200, 205, 188

Deuteranopia
222, 193, 188



Tritanopia
211, 194, 209

Trichromacy



Original Color

208, 206, 187

Protanomaly

202, 206, 188

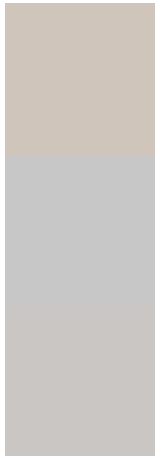
Deuteranomaly

217, 196, 188

Tritanomaly

210, 195, 201

Monochromacy



Original Color

208, 206, 187

Achromatopsia

199, 199, 199

Achromatomaly

202, 200, 195

CSS Examples

Text

The CSS property to change the color of the text to RYB 208, 206, 187 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, 197, 187) looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 187)  
}
```

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, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 187) }
```

Border

The CSS property to change the border of an element to RYB 208, 206, 187 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, 197, 187) }
```

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

```
.border{ border-color:rgb(208, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
187) }
```

Background

The CSS property to change the background color of an element to RYB 208, 206, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 187) }
```

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

```
.background{ background-color: rgb(208,  
197, 187) }
```

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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