

Converting Colors

`RYB(207, 200, 177)`

Have a look what the booklet for
RYB(207, 200, 177) contains.

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Color

R_YB(207, 200, 177)

Conversions

Conversions Part 1

Format	Color
Hex	CFBEB1
RGB	207, 190, 177
RGB Percent	81%, 75%, 69%
CMY	0.1882, 0.2548, 0.3059
CMYK	0.00, 0.08, 0.14, 0.19
HSL	26°, 24%, 75%
HSV	26°, 14%, 81%
XYZ	52.0855, 53.2748, 49.1328
YIQ	193.6010, 14.3050, -0.4390

Conversions

Conversions Part 2

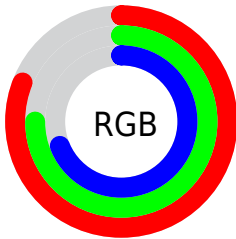
Format	Color
R_{YB}	207, 200, 177
Decimal	13614769
CIE Lab	78.04, 3.83, 8.73
CIE LCh	78, 9.533, 66.306
Yxy	53.2748, 0.3371, 0.3448
Android (android.graphics.Color)	4291804849 (0xFFCFBEB1)
YUV	193.6010, -8.1843, 11.7509
Hunter-Lab	72.9896, -0.3539, 11.1817

Details

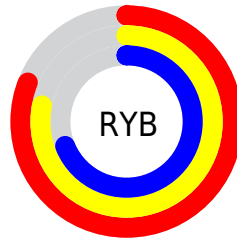
The RYB color **207, 200, 177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **177, 188, 207**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **248, 255, 233**, and **152, 148, 124** is the 20% darker color. If you saturate the color by 10%, you get **207, 195, 156**, and if you desaturate by 10%, it is **207, 205, 198**.

Distribution



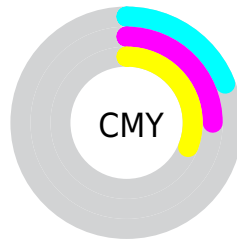
- Red (81%)
- Green (75%)
- Blue (69%)



- Red (81%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 200, 177 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 207, 200, 177 by changing the saturation by 10% instead.

■ 207, 200, 177

255, 255, 255

■ 248, 255, 233

■ 207, 200, 177

■ 179, 174, 150

■ 152, 148, 124

■ 126, 119, 100

■ 101, 96, 76

■ 77, 73, 53

■ 54, 50, 32

■ 31, 33, 8

■ 0, 0, 0

■ 207, 200, 177

■ 207, 200, 177

 207, 195, 156

 207, 205, 198

 207, 191, 136

 207, 211, 218

 207, 186, 115

 207, 219, 239

 207, 181, 94

 207, 225, 255

 207, 174, 74

 207, 229, 255

 207, 172, 53

 207, 231, 255

 207, 166, 32

 207, 161, 11

 207, 159, 0

Harmonies

Analogous

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



212, 189, 183



207, 200, 177



181, 198, 175

Triad

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



207, 200, 177



172, 186, 198



197, 190, 207

Complementary

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



207, 200, 177



177, 188, 207

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.



186, 191, 210



207, 200, 177



172, 186, 203

Square

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



207, 200, 177



179, 193, 198



177, 189, 209



206, 188, 200

Rectangle

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



207, 200, 177



177, 195, 180



177, 189, 209



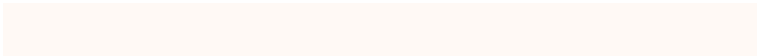
194, 191, 209

Sweetspot

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



207, 200, 177



255, 252, 245



207, 177, 194



128, 126, 121



0, 0, 0



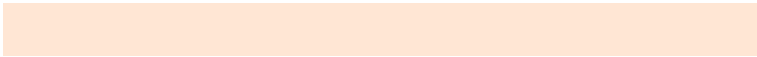
128, 128, 128

Same Dimension

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



207, 200, 177



255, 243, 212



179, 207, 177



105, 103, 94



168, 129, 0



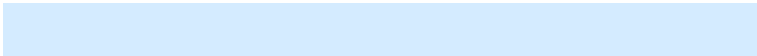
41, 32, 0

Inverse Universe

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



177, 188, 207



212, 227, 255



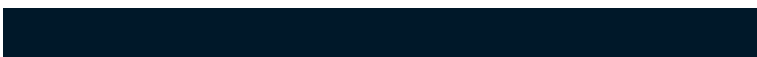
177, 179, 207



94, 98, 105



0, 61, 168



0, 15, 41

Previews

White Background



This preview shows how the RYB color 207, 200, 177 looks on a white background.

Color Contrast Check

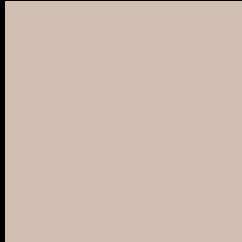
Large Text (above 18pt) WCAG AA × Fail

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 207, 200, 177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

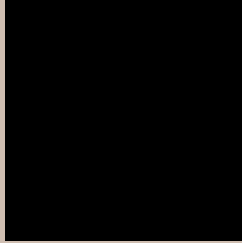
Any Text WCAG AA ✓ Pass

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 207, 200, 177 Background



This preview shows how black text looks on a background with the RYB color 207, 200, 177.



This preview shows how white text looks on a background with the RYB color 207, 200, 177.

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
207, 200, 177

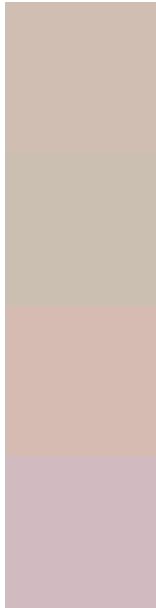
Protanopia
191, 200, 178

Deuteranopia
217, 188, 178



Tritanopia
210, 186, 201

Trichromacy



Original Color

207, 200, 177

Protanomaly

201, 203, 178

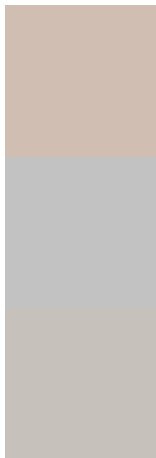
Deuteranomaly

213, 190, 178

Tritanomaly

209, 187, 192

Monochromacy



Original Color

207, 200, 177

Achromatopsia

194, 194, 194

Achromatomaly

199, 197, 188

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 200, 177 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(207, 190, 177) looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 177)  
}
```

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(207, 190, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 177) }
```

Border

The CSS property to change the border of an element to RYB 207, 200, 177 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(207, 190, 177) }
```

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

```
.border{ border-color:rgb(207, 190, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 190, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 177);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
177) }
```

Background

The CSS property to change the background color of an element to RGB 207, 190, 177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 177) }
```

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

```
.background{ background-color: rgb(207,  
190, 177) }
```

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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