

Converting Colors

`RYB(205, 195, 186)`

Have a look what the booklet for
RYB(205, 195, 186) contains.

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Color

R_YB(205, 195, 186)

Conversions

Conversions Part 1

Format	Color
Hex	CDC0BA
RGB	205, 192, 186
RGB Percent	80%, 75%, 73%
CMY	0.1961, 0.2466, 0.2706
CMYK	0.00, 0.06, 0.09, 0.20
HSL	19°, 16%, 77%
HSV	19°, 9%, 80%
XYZ	52.9129, 54.2707, 54.1408
YIQ	195.2030, 9.6740, 0.8900

Conversions

Conversions Part 2

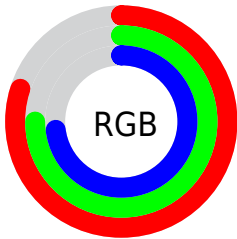
Format	Color
RYP	205, 195, 186
Decimal	13484218
CIELab	78.62, 3.48, 4.69
CIELCh	79, 5.837, 53.449
Yxy	54.2707, 0.3280, 0.3364
Android (android.graphics.Color)	4291674298 (0xFFCDC0BA)
YUV	195.2030, -4.5371, 8.5920
Hunter-Lab	73.6686, -0.7114, 7.9944

Details

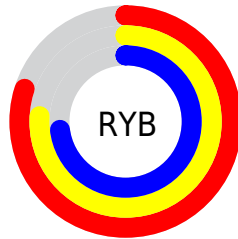
The RYB color **205, 195, 186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **186, 194, 205**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **255, 253, 242**, and **151, 142, 133** is the 20% darker color. If you saturate the color by 10%, you get **205, 183, 166**, and if you desaturate by 10%, it is **205, 206, 207**.

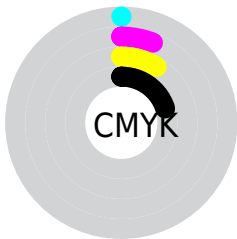
Distribution



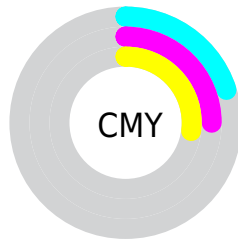
- Red (80%)
- Green (75%)
- Blue (73%)



- Red (80%)
- Yellow (76%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (9%)
- Black (20%)



- Cyan (20%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 195, 186 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 205, 195, 186 by changing the saturation by 10% instead.


 205, 195, 186

 205, 195, 186

255, 255, 255

 177, 168, 159


 255, 253, 242

 151, 142, 133

 125, 115, 108

 100, 92, 83

 76, 67, 60

 53, 45, 39

 32, 26, 18

 0, 0, 0

 205, 195, 186

 205, 195, 186

 205, 183, 166

 205, 206, 207

 205, 173, 145


 205, 214, 227

 205, 162, 124


 205, 222, 248


 205, 151, 104


 205, 228, 255

 205, 143, 83

 205, 230, 255

 205, 131, 63

 205, 121, 42

 205, 109, 22

 205, 99, 1

Harmonies

Analogous

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



207, 191, 190



205, 195, 186



196, 201, 184

Triad

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



205, 195, 186



183, 192, 198



194, 194, 204

Complementary

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



205, 195, 186



186, 194, 205

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.



188, 193, 205



205, 195, 186



182, 190, 199

Square

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



205, 195, 186



188, 197, 197



183, 191, 203



201, 192, 201

Rectangle

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



205, 195, 186



186, 197, 184



183, 191, 203



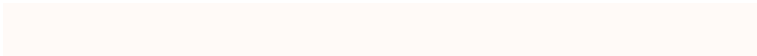
192, 194, 205

Sweetspot

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



205, 195, 186



255, 252, 247



205, 186, 199



128, 125, 122



0, 0, 0



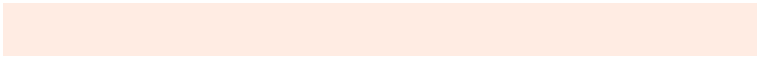
128, 128, 128

Same Dimension

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



205, 195, 186



255, 240, 227



190, 205, 186



102, 96, 92



166, 78, 0



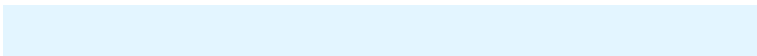
38, 18, 0

Inverse Universe

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



186, 194, 205



227, 238, 255



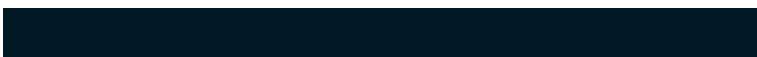
186, 189, 205



92, 96, 102



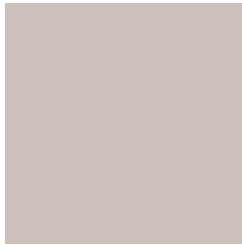
0, 67, 166



0, 15, 38

Previews

White Background



This preview shows how the RYB color 205, 195, 186 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 205, 195, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

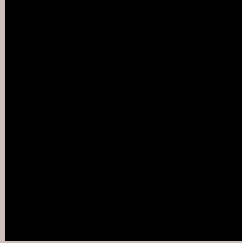
Any Text WCAG AA ✓ Pass

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 205, 195, 186 Background



This preview shows how black text looks on a background with the RYB color 205, 195, 186.

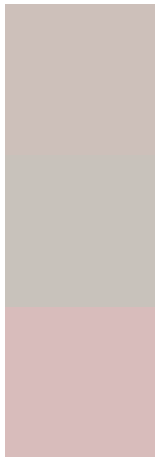


This preview shows how white text looks on a background with the RYB color 205, 195, 186.

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
205, 195, 186

Protanopia
198, 200, 187

Deuteranopia
216, 188, 187



Tritanopia
208, 189, 204

Trichromacy



Original Color

205, 195, 186

Protanomaly

202, 197, 187

Deuteranomaly

212, 189, 187

Tritanomaly

207, 190, 197

Monochromacy



Original Color

205, 195, 186

Achromatopsia

195, 195, 195

Achromatomaly

199, 195, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 195, 186 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(205, 192, 186) looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 186)  
}
```

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(205, 192, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 186) }
```

Border

The CSS property to change the border of an element to RYB 205, 195, 186 is called "border". The border property can be set on classes, ids or directly on the HTML element.

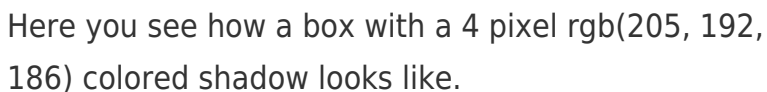
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 192, 186) }
```

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

```
.border{ border-color:rgb(205, 192, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 192, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 186);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 205, 195, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 192, 186) }
```

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

```
.background{ background-color: rgb(205,  
192, 186) }
```

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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