

Converting Colors

`RYB(206, 187, 192)`

Have a look what the booklet for
RYB(206, 187, 192) contains.

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Color

R_YB(206, 187, 192)

Conversions

Conversions Part 1

Format	Color
Hex	CEBBC0
RGB	206, 187, 192
RGB Percent	81%, 73%, 75%
CMY	0.1922, 0.2667, 0.2471
CMYK	0.00, 0.09, 0.07, 0.19
HSL	344°, 16%, 77%
HSV	344°, 9%, 81%
XYZ	52.7384, 52.4682, 57.2169
YIQ	193.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

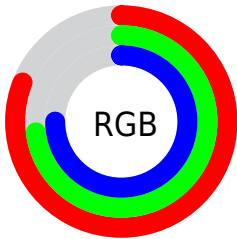
Format	Color
R _Y B	206, 187, 192
Decimal	13548480
CIE Lab	77.56, 7.59, -0.08
CIE LCh	78, 7.590, 359.375
Yxy	52.4682, 0.3247, 0.3230
Android (android.graphics.Color)	4291738560 (0xFFCEBBC0)
YUV	193.2510, -0.6167, 11.1809
Hunter-Lab	72.4350, 3.2009, 3.8708

Details

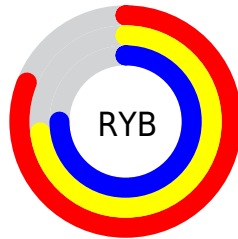
The RYB color **206, 187, 192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **187, 198, 206**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **255, 243, 248**, and **152, 134, 139** is the 20% darker color. If you saturate the color by 10%, you get **206, 166, 177**, and if you desaturate by 10%, it is **206, 207, 208**.

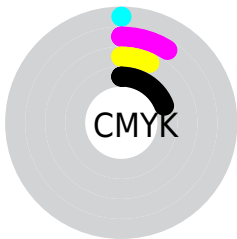
Distribution



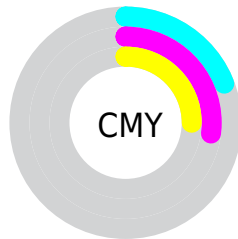
- Red (81%)
- Green (73%)
- Blue (75%)



- Red (81%)
- Yellow (73%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 206, 187, 192 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 206, 187, 192 by changing the saturation by 10% instead.


 206, 187, 192

255, 255, 255


 255, 243, 248

 206, 187, 192

 178, 160, 165

 152, 134, 139

 126, 109, 113

 101, 84, 89

 77, 61, 65

 54, 39, 43

 32, 19, 23


 0, 0, 0

 206, 187, 192

 206, 187, 192

 206, 166, 177

 206, 207, 208

 206, 146, 162

 206, 219, 228

 206, 125, 146


 206, 231, 249

 206, 105, 131

 206, 231, 255

 206, 84, 116

 206, 231, 255

 206, 63, 101

 206, 43, 86

 206, 22, 71

 206, 2, 55

Harmonies

Analogous

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



201, 188, 199



206, 187, 192



207, 187, 185

Triad

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



206, 187, 192



179, 193, 182



178, 188, 203

Complementary

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



206, 187, 192



187, 198, 206

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.



175, 186, 198



206, 187, 192



182, 193, 195

Square

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



206, 187, 192



189, 198, 178



176, 187, 196



184, 190, 206

Rectangle

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



206, 187, 192



206, 191, 181



176, 187, 196



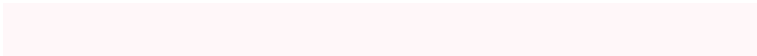
176, 187, 202

Sweetspot

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



206, 187, 192



255, 247, 249



201, 187, 206



128, 122, 124



0, 0, 0



128, 128, 128

Same Dimension

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



206, 187, 192



255, 227, 234



206, 192, 187



102, 92, 94



166, 0, 44



38, 0, 10

Inverse Universe

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



206, 187, 192



255, 227, 234



187, 195, 206



102, 92, 94



166, 0, 44



38, 0, 10

Previews

White Background



This preview shows how the RYB color 206, 187, 192 looks on a white background.

Color Contrast Check

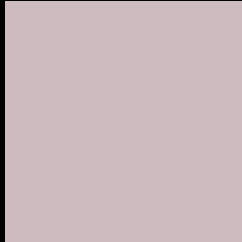
Large Text (above 18pt) WCAG AA × Fail

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 206, 187, 192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

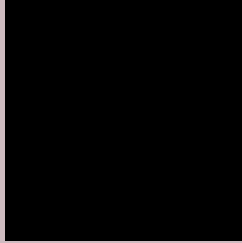
Any Text WCAG AA ✓ Pass

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 206, 187, 192 Background



This preview shows how black text looks on a background with the RYB color 206, 187, 192.



This preview shows how white text looks on a background with the RYB color 206, 187, 192.

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
206, 187, 192

Protanopia
194, 191, 194

Deuteranopia
210, 186, 192



Tritanopia
207, 186, 200

Trichromacy



Original Color

206, 187, 192

Protanomaly

198, 190, 193

Deuteranomaly

209, 186, 192

Tritanomaly

207, 186, 197

Monochromacy



Original Color

206, 187, 192

Achromatopsia

193, 193, 193

Achromatomaly

198, 191, 193

CSS Examples

Text

The CSS property to change the color of the text to RYB 206, 187, 192 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(206, 187, 192) looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 192)  
}
```

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(206, 187, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 192) }
```

Border

The CSS property to change the border of an element to RYB 206, 187, 192 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(206, 187, 192) }
```

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

```
.border{ border-color:rgb(206, 187, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 187, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
192) }
```

Background

The CSS property to change the background color of an element to RYB 206, 187, 192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 192) }
```

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

```
.background{ background-color: rgb(206,  
187, 192) }
```

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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