

Converting Colors

`RYB(185, 197, 175)`

Have a look what the booklet for
RYB(185, 197, 175) contains.

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Color

$\text{RYB}(185, 197, 175)$

Conversions

Conversions Part 1

Format	Color
Hex	C5BEAF
RGB	197, 190, 175
RGB Percent	77%, 75%, 69%
CMY	0.2275, 0.2544, 0.3137
CMYK	0.00, 0.03, 0.11, 0.23
HSL	41°, 16%, 73%
HSV	41°, 11%, 77%
XYZ	49.2044, 51.8465, 47.9715
YIQ	190.3830, 8.9870, -3.1810

Conversions

Conversions Part 2

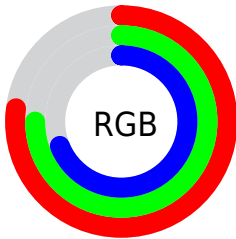
Format	Color
RYB	185, 197, 175
Decimal	12959407
CIELab	77.19, -0.20, 8.49
CIELCh	77, 8.488, 91.362
Yxy	51.8465, 0.3302, 0.3479
Android (android.graphics.Color)	4291149487 (0xFFC5BEAF)
YUV	190.3830, -7.5838, 5.8031
Hunter-Lab	72.0045, -4.0298, 10.9025

Details

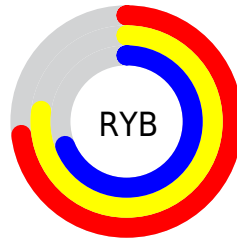
The RYB color **185, 197, 175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **175, 180, 197**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **243, 254, 231**, and **132, 143, 123** is the 20% darker color. If you saturate the color by 10%, you get **174, 197, 155**, and if you desaturate by 10%, it is **197, 197, 195**.

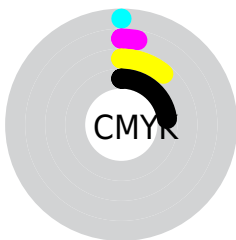
Distribution



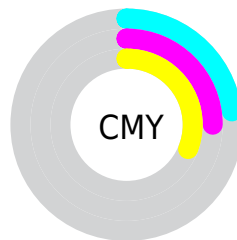
- Red (77%)
- Green (75%)
- Blue (69%)



- Red (73%)
- Yellow (77%)
- Blue (69%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the RYB color 185, 197, 175 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 185, 197, 175 by changing the saturation by 10% instead.


 185, 197, 175

 185, 197, 175

255, 255, 255

 158, 170, 148

 243, 254, 231

 132, 143, 123

 107, 117, 98

 83, 93, 74

 58, 69, 51


 37, 47, 30

 13, 27, 6

 0, 0, 0

 185, 197, 175


 185, 197, 175

 174, 197, 155


 197, 197, 195

 164, 197, 136


 197, 201, 214

 152, 197, 116


 197, 206, 234

 141, 197, 96


 197, 211, 254

 133, 197, 77

 197, 214, 255

 121, 197, 57


 197, 217, 255

 110, 197, 37

 197, 219, 255

 98, 197, 17

 197, 221, 255

 90, 197, 0

 197, 224, 255

Harmonies

Analogous

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



204, 196, 177



185, 197, 175



177, 193, 182

Triad

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



185, 197, 175



171, 184, 198



201, 186, 198

Complementary

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



185, 197, 175



175, 180, 197

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.



193, 189, 204



185, 197, 175



175, 186, 204

Square

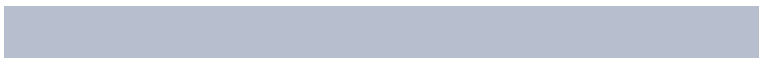
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



185, 197, 175



173, 185, 195



183, 189, 206



207, 185, 190

Rectangle

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



185, 197, 175



181, 194, 193



183, 189, 206



199, 187, 200

Sweetspot

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



185, 197, 175



250, 255, 247



197, 175, 182



125, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



185, 197, 175



236, 255, 222



175, 197, 179



95, 99, 90



74, 163, 0



16, 36, 0

Inverse Universe

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



175, 180, 197



222, 230, 255



179, 175, 197



90, 92, 99



0, 39, 163



0, 8, 36

Previews

White Background



This preview shows how the RYB color 185, 197, 175 looks on a white background.

Color Contrast Check

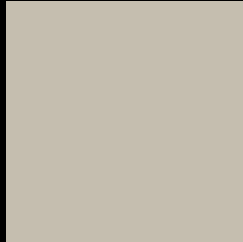
Large Text (above 18pt) WCAG AA × Fail

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 185, 197, 175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

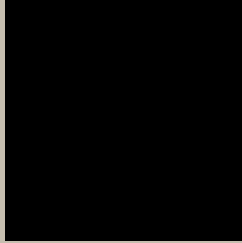
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

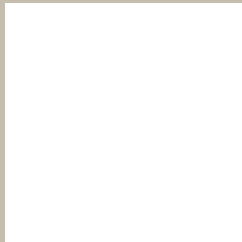
Any Text WCAG AAA ✓ Pass

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

RYB 185, 197, 175 Background



This preview shows how black text looks on a background with the RYB color 185, 197, 175.




This preview shows how white text looks on a background with the RYB color 185, 197, 175.

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](#).

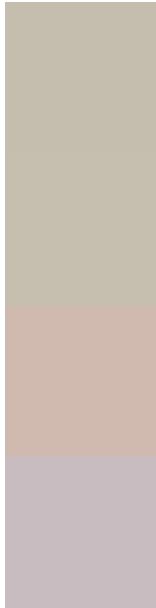
Dichromacy

	Original Color 185, 197, 175
	Protanopia 187, 198, 175
	Deuteranopia 214, 186, 176



Tritanopia
201, 186, 201

Trichromacy



Original Color

185, 197, 175

Protanomaly

187, 198, 175

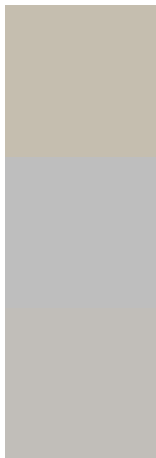
Deuteranomaly

208, 191, 176

Tritanomaly

200, 188, 192

Monochromacy



Original Color

185, 197, 175

Achromatopsia

190, 190, 190

Achromatomaly

190, 193, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 185, 197, 175 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(197, 190, 175) looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 175)  
}
```

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(197, 190, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 175) }
```

Border

The CSS property to change the border of an element to RYB 185, 197, 175 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(197, 190, 175) }
```

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

```
.border{ border-color:rgb(197, 190, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 190, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 175);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
175) }
```

Background

The CSS property to change the background color of an element to RYB 185, 197, 175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 175) }
```

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

```
.background{ background-color: rgb(197,  
190, 175) }
```

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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