

Converting Colors

`RYB(187, 205, 167)`

Have a look what the booklet for
RYB(187, 205, 167) contains.

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Color

R_YB(187, 205, 167)

Conversions

Conversions Part 1

Format	Color
Hex	CDC0A7
RGB	205, 192, 167
RGB Percent	80%, 75%, 65%
CMY	0.1961, 0.2475, 0.3451
CMYK	0.00, 0.06, 0.19, 0.20
HSL	39°, 28%, 73%
HSV	39°, 19%, 80%
XYZ	50.9788, 53.4230, 44.1840
YIQ	193.0370, 15.7730, -5.0190

Conversions

Conversions Part 2

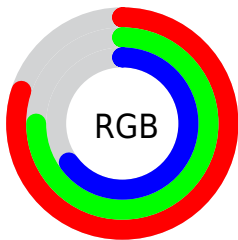
Format	Color
RYB	187, 205, 167
Decimal	13484199
CIELab	78.12, 0.54, 14.21
CIELCh	78, 14.224, 87.837
Yxy	53.4230, 0.3431, 0.3595
Android (android.graphics.Color)	4291674279 (0xFFCDC0A7)
YUV	193.0370, -12.8362, 10.4916
Hunter-Lab	73.0910, -3.4109, 15.3225

Details

The RYB color **187, 205, 167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **167, 177, 205**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **231, 255, 222**, and **131, 150, 115** is the 20% darker color. If you saturate the color by 10%, you get **178, 205, 147**, and if you desaturate by 10%, it is **196, 205, 187**.

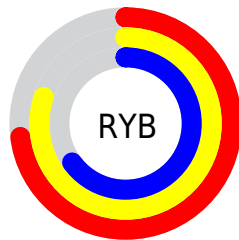
Distribution



Red (80%)

Green (75%)

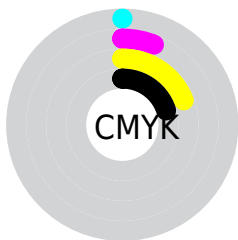
Blue (65%)



Red (73%)

Yellow (80%)

Blue (65%)

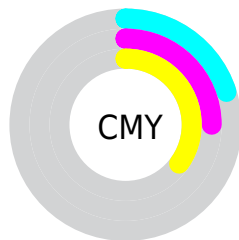


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the RYB color 187, 205, 167 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 187, 205, 167 by changing the saturation by 10% instead.


 187, 205, 167

 187, 205, 167


255, 255, 255

 159, 177, 141


 231, 255, 222

 131, 150, 115

 251, 255, 251

 106, 124, 90

 82, 99, 67

 60, 75, 45

 37, 52, 24

 13, 32, 0

 0, 0, 0

 187, 205, 167

 187, 205, 167

■ 178, 205, 147

■ 196, 205, 187

■ 167, 205, 126

■ 205, 206, 208

■ 158, 205, 106

■ 205, 211, 228

■ 147, 205, 85

■ 205, 216, 249

■ 138, 205, 65

■ 205, 220, 255

■ 130, 205, 44

■ 205, 223, 255

■ 121, 205, 24

■ 205, 226, 255

■ 110, 205, 3

■ 205, 228, 255

■ 109, 205, 0

■ 205, 230, 255

Harmonies

Analogous

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



216, 198, 171



187, 205, 167



170, 196, 176

Triad

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



187, 205, 167



159, 181, 205



210, 186, 207

Complementary

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



187, 205, 167



167, 177, 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.



195, 190, 216



187, 205, 167



165, 185, 215

Square

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



187, 205, 167



164, 185, 201



178, 190, 219



219, 184, 195

Rectangle

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



187, 205, 167



175, 198, 193



178, 190, 219



205, 187, 211

Sweetspot

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



187, 205, 167



248, 255, 240



205, 167, 180



126, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



187, 205, 167



228, 255, 199



167, 205, 173



99, 102, 92



87, 166, 0



20, 38, 0

Inverse Universe

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



167, 177, 205



199, 213, 255



173, 167, 205



92, 94, 102



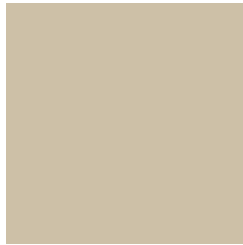
0, 42, 166



0, 10, 38

Previews

White Background



This preview shows how the RYB color 187, 205, 167 looks on a white background.

Color Contrast Check

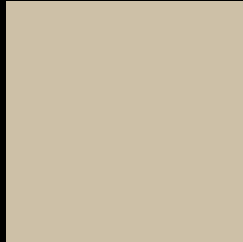
Large Text (above 18pt) WCAG AA × Fail

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 187, 205, 167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

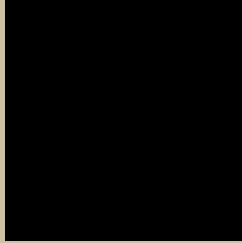
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

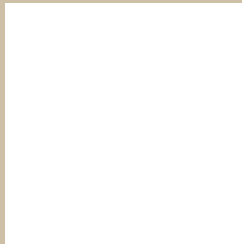
Any Text WCAG AAA ✓ Pass

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

R Y B 187, 205, 167 Background



This preview shows how black text looks on a background with the R Y B color 187, 205, 167.

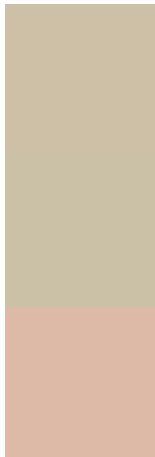


This preview shows how white text looks on a background with the R Y B color 187, 205, 167.

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
187, 205, 167

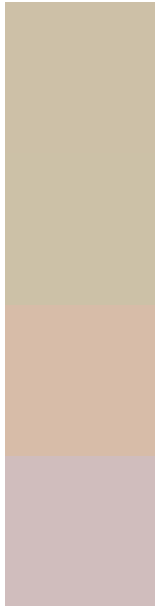
Protanopia
181, 203, 167

Deuteranopia
221, 195, 168



Tritanopia
210, 187, 202

Trichromacy



Original Color

187, 205, 167

Protanomaly

183, 204, 167

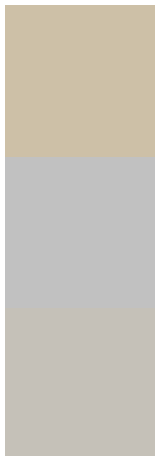
Deuteranomaly

215, 203, 168

Tritanomaly

208, 189, 189

Monochromacy



Original Color

187, 205, 167

Achromatopsia

193, 193, 193

Achromatomaly

190, 197, 184

CSS Examples

Text

The CSS property to change the color of the text to RYB 187, 205, 167 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, 167) looks like.

```
.text, #text, p{  
    color:rgb(205, 192, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 192, 167) }
```

Border

The CSS property to change the border of an element to RYB 187, 205, 167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

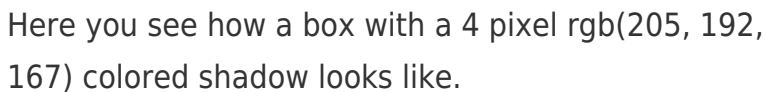
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 192, 167) }
```

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

```
.border{ border-color:rgb(205, 192, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 192, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 192, 167);  
box-shadow:4px 4px 4px 4px rgb(205, 192,  
167) }
```

Background

The CSS property to change the background color of an element to RYB 187, 205, 167 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, 167) }
```

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

```
.background{ background-color: rgb(205,  
192, 167) }
```

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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