

Converting Colors

`RYB(175, 196, 135)`

Have a look what the booklet for
RYB(175, 196, 135) contains.

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Color

R_YB(175, 196, 135)

Conversions

Conversions Part 1

Format	Color
Hex	C4AC87
RGB	196, 172, 135
RGB Percent	77%, 67%, 53%
CMY	0.2314, 0.3261, 0.4706
CMYK	0.00, 0.12, 0.31, 0.23
HSL	36°, 34%, 65%
HSV	36°, 31%, 77%
XYZ	41.8605, 42.9298, 29.0017
YIQ	174.9580, 26.1810, -6.4190

Conversions

Conversions Part 2

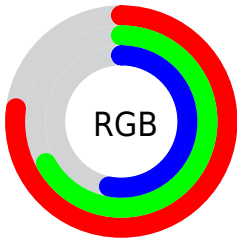
Format	Color
RYB	175, 196, 135
Decimal	12889223
CIELab	71.51, 3.23, 22.19
CIELCh	72, 22.426, 81.721
Yxy	42.9298, 0.3679, 0.3773
Android (android.graphics.Color)	4291079303 (0xFFC4AC87)
YUV	174.9580, -19.6993, 18.4538
Hunter-Lab	65.5208, -0.6199, 19.6209

Details

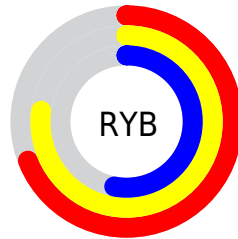
The RYB color **175, 196, 135** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **135, 152, 196**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **231, 253, 188**, and **119, 141, 85** is the 20% darker color. If you saturate the color by 10%, you get **168, 196, 115**, and if you desaturate by 10%, it is **181, 196, 155**.

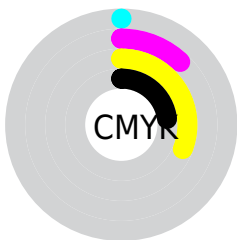
Distribution



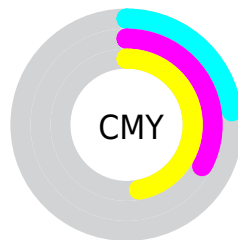
- Red (77%)
- Green (67%)
- Blue (53%)



- Red (69%)
- Yellow (77%)
- Blue (53%)



- Cyan (0%)
- Magenta (12%)
- Yellow (31%)
- Black (23%)



- Cyan (23%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the RYB color 175, 196, 135 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 175, 196, 135 by changing the saturation by 10% instead.

 175, 196, 135


255, 255, 255

 231, 253, 188

 216, 255, 216

 245, 255, 245

 175, 196, 135

 148, 168, 110

 119, 141, 85

 94, 115, 62

 69, 90, 39


 42, 65, 18

 23, 43, 0


 16, 4, 0


 0, 0, 0

 175, 196, 135

 175, 196, 135

 168, 196, 115


 181, 196, 155

 163, 196, 96


 189, 196, 174

 153, 196, 76

 196, 196, 194

 148, 196, 57

 196, 201, 213

 141, 196, 37

 196, 207, 233

 135, 196, 17

 196, 212, 253

 130, 196, 0

 196, 216, 255

 196, 219, 255

 196, 222, 255

Harmonies

Analogous

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



211, 175, 144



175, 196, 135



137, 178, 140

Triad

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



175, 196, 135



118, 153, 189



196, 165, 201

Complementary

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



175, 196, 135



135, 152, 196

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.



171, 172, 213



175, 196, 135



123, 158, 207

Square

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



175, 196, 135



130, 163, 186



144, 167, 215



212, 161, 182

Rectangle

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



175, 196, 135



144, 182, 167



144, 167, 215



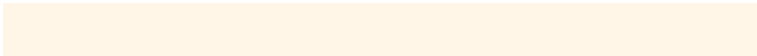
189, 167, 206

Sweetspot

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



175, 196, 135



247, 255, 232



196, 135, 159



123, 128, 113



0, 0, 0



128, 128, 128

Same Dimension

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



175, 196, 135



222, 255, 161



135, 196, 141



94, 97, 87



106, 161, 0



21, 33, 0

Inverse Universe

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



135, 152, 196



161, 188, 255



141, 135, 196



87, 90, 97



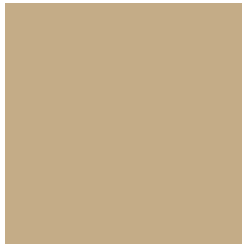
0, 46, 161



0, 9, 33

Previews

White Background



This preview shows how the RYB color 175, 196, 135 looks on a white background.

Color Contrast Check

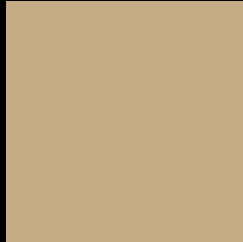
Large Text (above 18pt) WCAG AA × Fail

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 175, 196, 135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

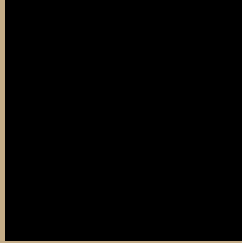
Any Text WCAG AA ✓ Pass

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 175, 196, 135 Background



This preview shows how black text looks on a background with the RYB color 175, 196, 135.



This preview shows how white text looks on a background with the RYB color 175, 196, 135.

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
175, 196, 135

Protanopia
152, 187, 136

Deuteranopia
205, 196, 136



Tritanopia
201, 166, 179

Trichromacy



Original Color
175, 196, 135

Protanomaly
159, 190, 136

Deuteranomaly
202, 202, 136

Tritanomaly
199, 169, 163

Monochromacy



Original Color
175, 196, 135

Achromatopsia
175, 175, 175

Achromatomaly
175, 183, 160

CSS Examples

Text

The CSS property to change the color of the text to RYB 175, 196, 135 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(196, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(196, 172, 135)  
}
```

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(196, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 172, 135) }
```

Border

The CSS property to change the border of an element to RYB 175, 196, 135 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(196, 172, 135) }
```

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

```
.border{ border-color:rgb(196, 172, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 172, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(196, 172,  
135) }
```

Background

The CSS property to change the background color of an element to RYB 175, 196, 135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 172, 135) }
```

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

```
.background{ background-color: rgb(196,  
172, 135) }
```

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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