

Converting Colors

`RYB(161, 196, 165)`

Have a look what the booklet for
RYB(161, 196, 165) contains.

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Color

R_YB(161, 196, 165)

Conversions

Conversions Part 1

Format	Color
Hex	C0C4A1
RGB	192, 196, 161
RGB Percent	75%, 77%, 63%
CMY	0.2471, 0.2314, 0.3686
CMYK	0.02, 0.00, 0.18, 0.23
HSL	67°, 23%, 70%
HSV	67°, 18%, 77%
XYZ	47.9112, 53.2595, 41.4731
YIQ	190.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

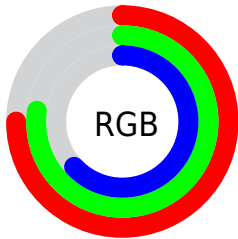
Format	Color
RYB	161, 196, 165
Decimal	12633249
CIELab	78.03, -7.37, 17.14
CIElCh	78, 18.656, 113.257
Yxy	53.2595, 0.3359, 0.3734
Android (android.graphics.Color)	4290823329 (0xFFC0C4A1)
YUV	190.8140, -14.6983, 1.0401
Hunter-Lab	72.9791, -10.5273, 17.3916

Details

The RYB color **161, 196, 165** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **165, 161, 196**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **216, 253, 220**, and **109, 142, 113** is the 20% darker color. If you saturate the color by 10%, you get **141, 196, 147**, and if you desaturate by 10%, it is **181, 196, 183**.

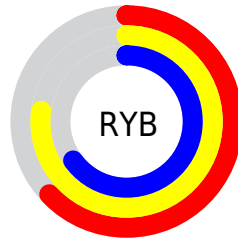
Distribution



Red (75%)

Green (77%)

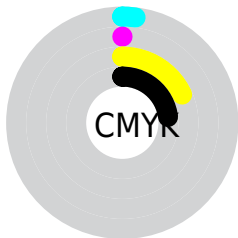
Blue (63%)



Red (63%)

Yellow (77%)

Blue (65%)

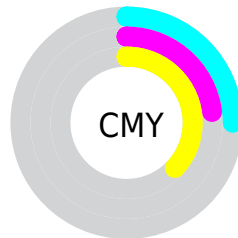


Cyan (2%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (25%)

Magenta (23%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 196, 165 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 161, 196, 165 by changing the saturation by 10% instead.

 161, 196, 165

255, 255, 255

 216, 253, 220

 244, 255, 244

 161, 196, 165

 135, 169, 139

 109, 142, 113

 85, 117, 89

 62, 92, 66

 39, 69, 44


 19, 46, 23


 0, 26, 4

 0, 0, 0

 161, 196, 165


 161, 196, 165

 141, 196, 147

 181, 196, 183


 122, 196, 130


 196, 196, 200


 102, 196, 113

 199, 196, 220

 83, 196, 96

 201, 196, 239

 63, 196, 78


 203, 196, 255


 43, 196, 60


 205, 196, 255


 24, 196, 44

 208, 196, 255

 4, 196, 26

 210, 196, 255

 0, 196, 22

 212, 196, 255

Harmonies

Analogous

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



192, 210, 159



161, 196, 165



172, 200, 200

Triad

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



161, 196, 165



152, 180, 220



225, 181, 198

Complementary

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



161, 196, 165



165, 161, 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.



212, 184, 214



161, 196, 165



169, 187, 227

Square

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



161, 196, 165



147, 176, 206



191, 190, 225



229, 181, 180

Rectangle

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



161, 196, 165



160, 188, 202



191, 190, 225



222, 182, 203

Sweetspot

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



161, 196, 165



242, 255, 243



196, 166, 161



120, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



161, 196, 165



201, 255, 207



161, 196, 182



87, 97, 88



0, 161, 19



0, 33, 4

Inverse Universe

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



165, 161, 196



208, 201, 255



182, 161, 196



88, 87, 97



18, 0, 161



4, 0, 33

Previews

White Background



This preview shows how the RYB color 161, 196, 165 looks on a white background.

Color Contrast Check

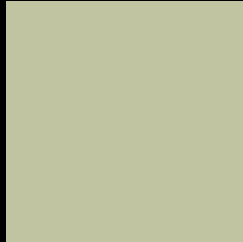
Large Text (above 18pt) WCAG AA × Fail

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 161, 196, 165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

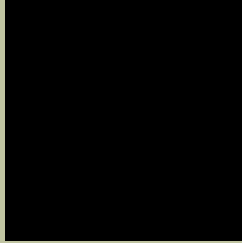
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

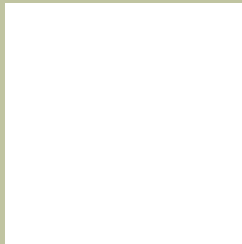
Any Text WCAG AAA ✓ Pass

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

RYB 161, 196, 165 Background



This preview shows how black text looks on a background with the RYB color 161, 196, 165.

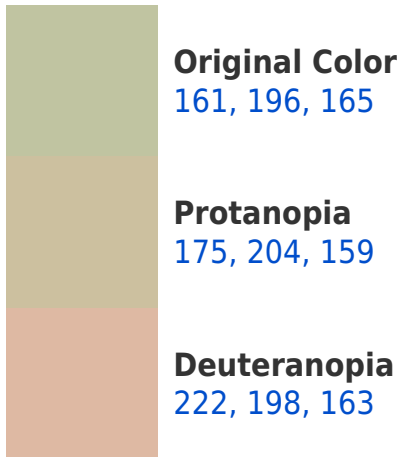



This preview shows how white text looks on a background with the RYB color 161, 196, 165.

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](#).

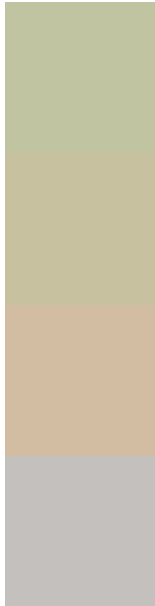
Dichromacy





Tritanopia
198, 190, 205

Trichromacy



Original Color

161, 196, 165

Protanomaly

168, 200, 160

Deuteranomaly

202, 211, 162

Tritanomaly

196, 194, 189

Monochromacy



Original Color

161, 196, 165

Achromatopsia

191, 191, 191

Achromatomaly

180, 193, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 196, 165 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(192, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 161)  
}
```

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(192, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 161) }
```

Border

The CSS property to change the border of an element to RYB 161, 196, 165 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(192, 196, 161) }
```

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

```
.border{ border-color:rgb(192, 196, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 161, 196, 165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 161) }
```

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

```
.background{ background-color: rgb(192,  
196, 161) }
```

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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