

Converting Colors

`RYB(162, 197, 185)`

Have a look what the booklet for
RYB(162, 197, 185) contains.

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Color

RYB(162, 197, 185)

Conversions

Conversions Part 1

Format	Color
Hex	AEC5A2
RGB	174, 197, 162
RGB Percent	68%, 77%, 64%
CMY	0.3176, 0.2275, 0.3647
CMYK	0.12, 0.00, 0.18, 0.23
HSL	99°, 23%, 70%
HSV	99°, 18%, 77%
XYZ	43.9434, 51.5398, 41.8145
YIQ	186.1330, -2.4730, -15.7610

Conversions

Conversions Part 2

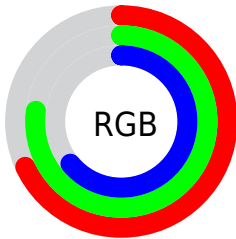
Format	Color
RYB	162, 197, 185
Decimal	11453858
CIELab	77.00, -14.26, 14.98
CIELCh	77, 20.681, 133.589
Yxy	51.5398, 0.3201, 0.3754
Android (android.graphics.Color)	4289643938 (0xFFAEC5A2)
YUV	186.1330, -11.8976, -10.6406
Hunter-Lab	71.7912, -16.3748, 15.7206

Details

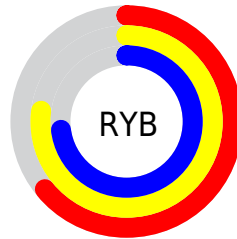
The RYB color **162, 197, 185** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **185, 162, 197**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **217, 254, 241**, and **110, 143, 132** is the 20% darker color. If you saturate the color by 10%, you get **142, 197, 178**, and if you desaturate by 10%, it is **182, 197, 192**.

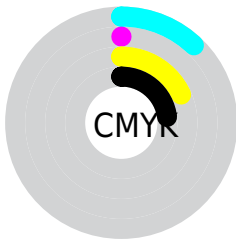
Distribution



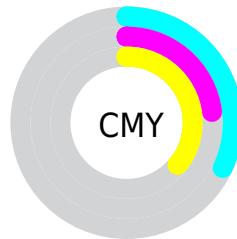
- Red (68%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (73%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (23%)



- Cyan (32%)
- Magenta (23%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 162, 197, 185 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 162, 197, 185 by changing the saturation by 10% instead.

 162, 197, 185

255, 255, 255


 217, 254, 241

 245, 255, 245


 162, 197, 185


 136, 170, 159

 110, 143, 132

 86, 118, 108


 62, 93, 83

 40, 69, 60

 20, 47, 40

 0, 27, 25


 0, 0, 0


 162, 197, 185


 162, 197, 185

 142, 197, 178


 182, 197, 192

 123, 197, 172


 200, 197, 201

 103, 197, 165


 213, 197, 221

 83, 197, 158


 226, 197, 241

 64, 197, 152

 239, 197, 255

 44, 197, 145

 252, 197, 255

 24, 197, 138

 255, 197, 255

 4, 197, 131

 0, 197, 129

Harmonies

Analogous

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



157, 196, 153



162, 197, 185



153, 183, 200

Triad

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



162, 197, 185



155, 181, 226



230, 177, 182

Complementary

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



162, 197, 185



185, 162, 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.



222, 178, 201



162, 197, 185



180, 188, 227

Square

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



162, 197, 185



140, 173, 216



204, 182, 218



227, 185, 165

Rectangle

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



162, 197, 185



143, 174, 201



204, 182, 218



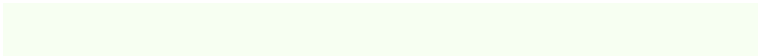
229, 177, 188

Sweetspot

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



162, 197, 185



242, 255, 250



180, 197, 162



120, 128, 126



0, 0, 0



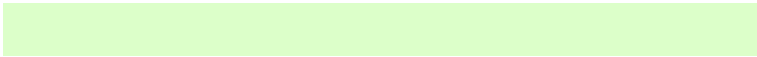
128, 128, 128

Same Dimension

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



162, 197, 185



201, 255, 236



162, 193, 197



90, 99, 96



0, 163, 107



0, 36, 24

Inverse Universe

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



185, 162, 197



237, 201, 255



197, 162, 192



96, 90, 99



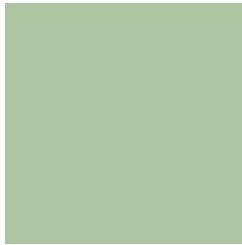
107, 0, 163



23, 0, 36

Previews

White Background



This preview shows how the RYB color 162, 197, 185 looks on a white background.

Color Contrast Check

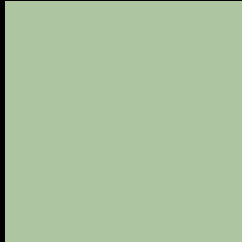
Large Text (above 18pt) WCAG AA × Fail

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 162, 197, 185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

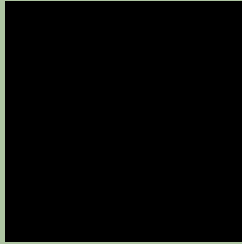
Any Text WCAG AA ✓ Pass

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 162, 197, 185 Background



This preview shows how black text looks on a background with the RYB color 162, 197, 185.

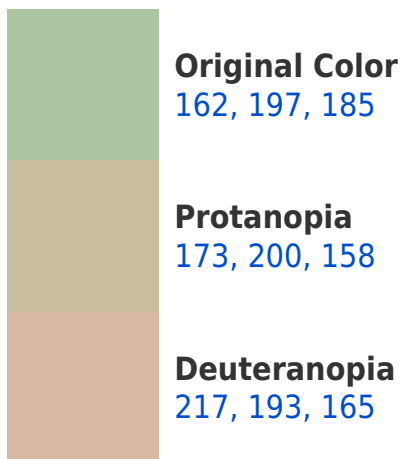


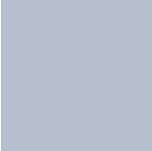
This preview shows how white text looks on a background with the RYB color 162, 197, 185.

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
181, 188, 206

Trichromacy



Original Color

162, 197, 185

Protanomaly

159, 192, 160

Deuteranomaly

184, 201, 164

Tritanomaly

178, 186, 193

Monochromacy



Original Color

162, 197, 185

Achromatopsia

186, 186, 186

Achromatomaly

177, 190, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 162, 197, 185 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(174, 197, 162) looks like.

```
.text, #text, p{  
    color:rgb(174, 197, 162)  
}
```

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(174, 197, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 197, 162) }
```

Border

The CSS property to change the border of an element to RYB 162, 197, 185 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(174, 197, 162) }
```

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

```
.border{ border-color:rgb(174, 197, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 197, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 197, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 197, 162);  
box-shadow:4px 4px 4px 4px rgb(174, 197,  
162) }
```

Background

The CSS property to change the background color of an element to RYB 162, 197, 185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 197, 162) }
```

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

```
.background{ background-color: rgb(174,  
197, 162) }
```

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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