

Converting Colors

`RYB(161, 187, 204)`

Have a look what the booklet for
RYB(161, 187, 204) contains.

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Color

R_YB(161, 187, 204)

Conversions

Conversions Part 1

Format	Color
Hex	A1CCBD
RGB	161, 204, 189
RGB Percent	63%, 80%, 74%
CMY	0.3686, 0.2000, 0.2584
CMYK	0.21, 0.00, 0.07, 0.20
HSL	159°, 30%, 72%
HSV	159°, 21%, 80%
XYZ	45.4886, 54.4419, 56.3206
YIQ	189.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

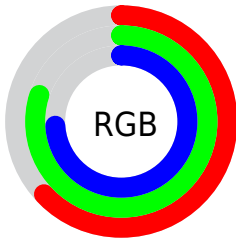
Format	Color
RYB	161, 187, 204
Decimal	10603709
CIELab	78.72, -17.17, 2.76
CIELCh	79, 17.388, 170.859
Yxy	54.4419, 0.2911, 0.3484
Android (android.graphics.Color)	4288793789 (0xFFA1CCBD)
YUV	189.4330, -0.2135, -24.9357
Hunter-Lab	73.7848, -19.0773, 6.3927

Details

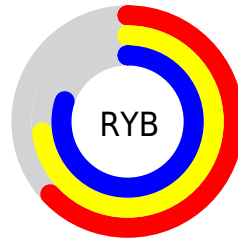
The RYB color **161, 187, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **204, 161, 176**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **216, 238, 255**, and **109, 134, 150** is the 20% darker color. If you saturate the color by 10%, you get **141, 179, 204**, and if you desaturate by 10%, it is **181, 195, 204**.

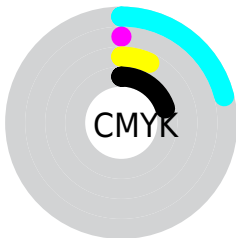
Distribution



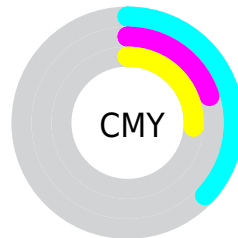
- Red (63%)
- Green (80%)
- Blue (74%)



- Red (63%)
- Yellow (73%)
- Blue (80%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)




- Cyan (37%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 161, 187, 204 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, 187, 204 by changing the saturation by 10% instead.


 161, 187, 204

255, 255, 255


 216, 238, 255

 245, 250, 255

 161, 187, 204


 134, 159, 176

 109, 134, 150

 84, 108, 124

 59, 83, 99


 36, 59, 75


 11, 35, 52


 0, 18, 31


 0, 0, 0

 161, 187, 204


 161, 187, 204

 141, 179, 204


 181, 195, 204

 120, 171, 204


 202, 203, 204

 100, 163, 204


 222, 204, 210

 79, 154, 204


 243, 204, 217

 59, 147, 204

 255, 204, 224

 39, 139, 204

 255, 204, 231

 18, 130, 204

 255, 204, 239

 0, 123, 204

 255, 204, 246

 255, 204, 253

Harmonies

Analogous

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



174, 202, 199



161, 187, 204



153, 179, 206

Triad

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



161, 187, 204



192, 192, 225



225, 195, 170

Complementary

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



161, 187, 204



204, 161, 176

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.



229, 184, 184



161, 187, 204



211, 187, 215

Square

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



161, 187, 204



171, 189, 226



225, 184, 200



199, 213, 163

Rectangle

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



161, 187, 204



154, 181, 215



225, 184, 200



227, 190, 174

Sweetspot

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



161, 187, 204



240, 249, 255



161, 204, 189



119, 125, 128



0, 0, 0



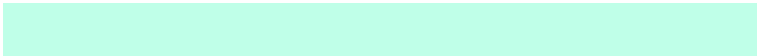
128, 128, 128

Same Dimension

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



161, 187, 204



191, 230, 255



161, 181, 204



92, 98, 102



0, 101, 166



0, 23, 38

Inverse Universe

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



204, 161, 176



255, 191, 213



204, 168, 161



102, 92, 95



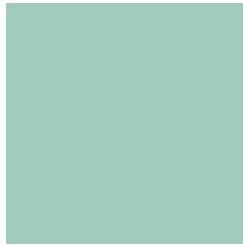
166, 0, 57



38, 0, 13

Previews

White Background



This preview shows how the RYB color 161, 187, 204 looks on a white background.

Color Contrast Check

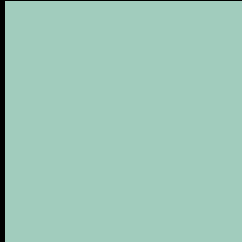
Large Text (above 18pt) WCAG AA × Fail

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, 187, 204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

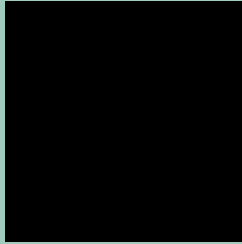
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

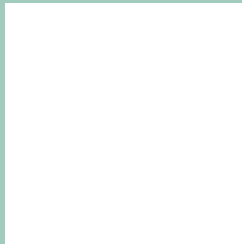
Any Text WCAG AAA ✓ Pass

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

RYB 161, 187, 204 Background



This preview shows how black text looks on a background with the RYB color 161, 187, 204.

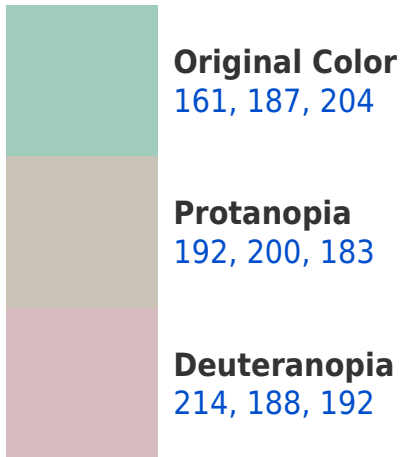


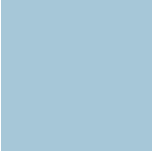
This preview shows how white text looks on a background with the RYB color 161, 187, 204.

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](#).

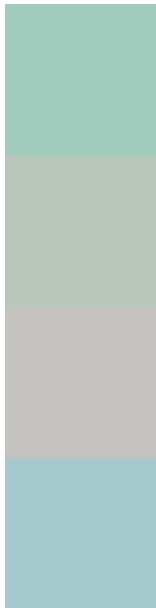
Dichromacy





Tritanopia
166, 186, 216

Trichromacy



Original Color

161, 187, 204

Protanomaly

185, 198, 197

Deuteranomaly

192, 195, 191

Tritanomaly

164, 184, 206

Monochromacy



Original Color

161, 187, 204

Achromatopsia

189, 189, 189

Achromatomaly

179, 188, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 161, 187, 204 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(161, 204, 189)` looks like.

```
.text, #text, p{  
    color:rgb(161, 204, 189)  
}
```

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(161, 204, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 204, 189) }
```

Border

The CSS property to change the border of an element to RYB 161, 187, 204 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(161, 204, 189) }
```

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

```
.border{ border-color:rgb(161, 204, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 204, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 204, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 204, 189); box-shadow:4px 4px 4px 4px rgb(161, 204, 189) }
```

Background

The CSS property to change the background color of an element to RYB 161, 187, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 204, 189) }
```

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

```
.background{ background-color: rgb(161,  
204, 189) }
```

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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