

Converting Colors

`RYB(165, 176, 181)`

Have a look what the booklet for RYB(165, 176, 181) contains.

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Color

RYB(165, 176, 181)

Conversions

Conversions Part 1

Format	Color
Hex	A5B5AC
RGB	165, 181, 172
RGB Percent	65%, 71%, 67%
CMY	0.3529, 0.2902, 0.3244
CMYK	0.09, 0.00, 0.05, 0.29
HSL	147°, 10%, 68%
HSV	147°, 9%, 71%
XYZ	39.5135, 44.0361, 45.5844
YIQ	175.1900, -6.6470, -6.1910

Conversions

Conversions Part 2

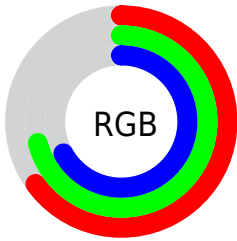
Format	Color
RYB	165, 176, 181
Decimal	10859948
CIELab	72.25, -7.23, 2.54
CIElCh	72, 7.664, 160.627
Yxy	44.0361, 0.3060, 0.3410
Android (android.graphics.Color)	4289050028 (0xFFA5B5AC)
YUV	175.1900, -1.5727, -8.9366
Hunter-Lab	66.3597, -9.8426, 5.7238

Details

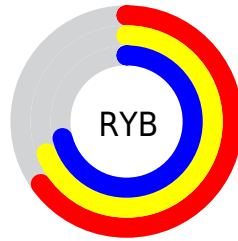
The RYB color **165, 176, 181** is a light color, and the websafe version is hex **999999**. A complement of this color would be **181, 165, 174**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **220, 232, 237**, and **113, 123, 128** is the 20% darker color. If you saturate the color by 10%, you get **147, 171, 181**, and if you desaturate by 10%, it is **183, 181, 182**.

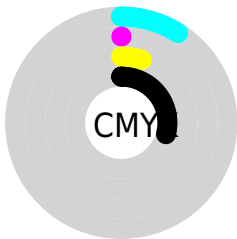
Distribution



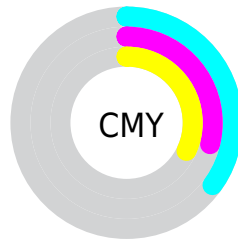
- Red (65%)
- Green (71%)
- Blue (67%)



- Red (65%)
- Yellow (69%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 176, 181 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 165, 176, 181 by changing the saturation by 10% instead.


 165, 176, 181

255, 255, 255

 220, 232, 237


 249, 252, 255

 165, 176, 181

 139, 149, 154


 113, 123, 128

 89, 99, 103

 65, 74, 79

 43, 52, 56

 22, 31, 35

 0, 11, 13

 0, 0, 0


 165, 176, 181


 165, 176, 181


 147, 171, 181


 183, 181, 182


 129, 165, 181


 201, 181, 192

 111, 159, 181


 219, 181, 202

 93, 154, 181

 237, 181, 212

 75, 148, 181


 255, 181, 222

 56, 142, 181

 255, 181, 232


 38, 136, 181

 255, 181, 241

 20, 131, 181

 255, 181, 251

 2, 125, 181

 255, 181, 255

Harmonies

Analogous

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



166, 180, 174



165, 176, 181



161, 172, 181

Triad

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



165, 176, 181



173, 176, 191



192, 174, 168

Complementary

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



165, 176, 181



181, 165, 174

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.



192, 173, 175



165, 176, 181



182, 175, 188

Square

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



165, 176, 181



165, 174, 190



189, 173, 182



188, 184, 164

Rectangle

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



165, 176, 181



160, 171, 184



189, 173, 182



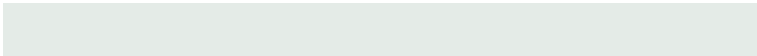
192, 173, 170

Sweetspot

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



165, 176, 181



228, 233, 235



165, 181, 172



113, 116, 117



245, 245, 245



117, 117, 117

Same Dimension

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



165, 176, 181



209, 227, 235



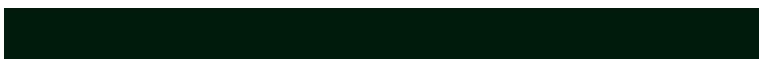
165, 173, 181



80, 86, 89



0, 105, 153



0, 18, 26

Inverse Universe

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



181, 165, 174



235, 209, 223



181, 165, 166



89, 80, 85



153, 0, 83



26, 0, 14

Previews

White Background



This preview shows how the RYB color 165, 176, 181 looks on a white background.

Color Contrast Check

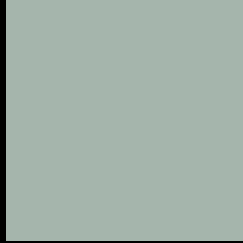
Large Text (above 18pt) WCAG AA × Fail

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 165, 176, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

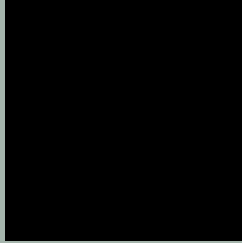
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

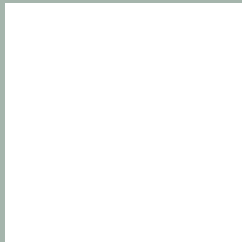
Any Text WCAG AAA ✓ Pass

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

RYB 165, 176, 181 Background



This preview shows how black text looks on a background with the RYB color 165, 176, 181.



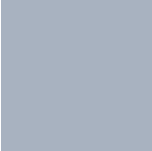
This preview shows how white text looks on a background with the RYB color 165, 176, 181.

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
168, 175, 192

Trichromacy



Original Color

165, 176, 181

Protanomaly

171, 178, 173

Deuteranomaly

184, 175, 173

Tritanomaly

167, 174, 185

Monochromacy



Original Color

165, 176, 181

Achromatopsia

175, 175, 175

Achromatomaly

171, 175, 177

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 176, 181 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(165, 181, 172)` looks like.

```
.text, #text, p{  
    color:rgb(165, 181, 172)  
}
```

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(165, 181, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 181, 172) }
```

Border

The CSS property to change the border of an element to RYB 165, 176, 181 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(165, 181, 172) }
```

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

```
.border{ border-color:rgb(165, 181, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 181, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 181, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 181, 172);  
box-shadow:4px 4px 4px 4px rgb(165, 181,  
172) }
```

Background

The CSS property to change the background color of an element to RYB 165, 176, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 181, 172) }
```

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

```
.background{ background-color: rgb(165,  
181, 172) }
```

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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