

Converting Colors

`RYB(165, 176, 173)`

Have a look what the booklet for
RYB(165, 176, 173) contains.

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Color

R_YB(165, 176, 173)

Conversions

Conversions Part 1

Format	Color
Hex	A8B0A5
RGB	168, 176, 165
RGB Percent	66%, 69%, 65%
CMY	0.3412, 0.3098, 0.3529
CMYK	0.05, 0.00, 0.06, 0.31
HSL	104°, 7%, 67%
HSV	104°, 6%, 69%
XYZ	38.4653, 42.0921, 41.6946
YIQ	172.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

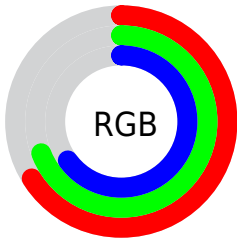
Format	Color
RYB	165, 176, 173
Decimal	11055269
CIELab	70.93, -4.88, 4.65
CIELCh	71, 6.740, 136.353
Yxy	42.0921, 0.3146, 0.3443
Android (android.graphics.Color)	4289245349 (0xFFA8B0A5)
YUV	172.3540, -3.6255, -3.8185
Hunter-Lab	64.8784, -7.7077, 7.3118

Details

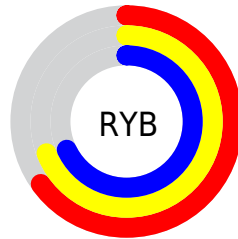
The RYB color **165, 176, 173** is a light color, and the websafe version is hex **999999**. A complement of this color would be **173, 165, 176**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **220, 232, 229**, and **113, 124, 121** is the 20% darker color. If you saturate the color by 10%, you get **147, 176, 168**, and if you desaturate by 10%, it is **181, 176, 183**.

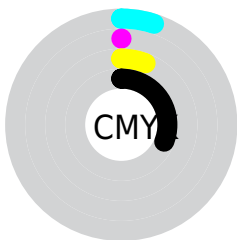
Distribution



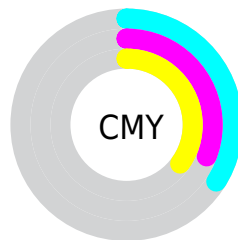
- Red (66%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (34%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 176, 173 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, 173 by changing the saturation by 10% instead.

 165, 176, 173

255, 255, 255

 220, 232, 229

 248, 255, 251

 165, 176, 173

 139, 149, 146

 113, 124, 121

 89, 99, 97

 65, 75, 72

 43, 52, 49


 23, 31, 29


 0, 6, 6


 0, 0, 0

 165, 176, 173


 165, 176, 173

 147, 176, 168


 181, 176, 183

 130, 176, 164


 194, 176, 200

 112, 176, 158


 206, 176, 218

 95, 176, 154


 219, 176, 235

 77, 176, 149


 232, 176, 253

 59, 176, 144

 245, 176, 255

 42, 176, 140

 255, 176, 255

 24, 176, 134

 7, 176, 130

Harmonies

Analogous

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



163, 175, 162



165, 176, 173



162, 172, 177

Triad

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



165, 176, 173



164, 171, 185



187, 170, 170

Complementary

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



165, 176, 173



173, 165, 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.



185, 170, 177



165, 176, 173



171, 173, 185

Square

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



165, 176, 173



160, 170, 182



179, 171, 182



186, 172, 165

Rectangle

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



165, 176, 173



160, 169, 177



179, 171, 182



187, 170, 172

Sweetspot

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



165, 176, 173



225, 230, 229



169, 176, 165



112, 115, 114



242, 242, 242



115, 115, 115

Same Dimension

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



165, 176, 173



213, 230, 225



165, 174, 176



82, 89, 87



0, 153, 111



0, 26, 19

Inverse Universe

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



173, 165, 176



225, 213, 230



176, 165, 174



87, 82, 89



111, 0, 153



19, 0, 26

Previews

White Background



This preview shows how the RYB color 165, 176, 173 looks on a white background.

Color Contrast Check

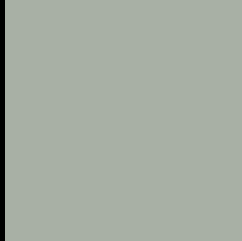
Large Text (above 18pt) WCAG AA × Fail

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, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

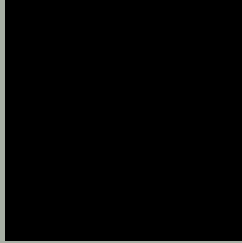
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

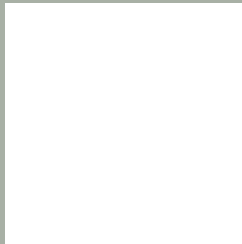
Any Text WCAG AAA ✓ Pass

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

RYB 165, 176, 173 Background



This preview shows how black text looks on a background with the RYB color 165, 176, 173.



This preview shows how white text looks on a background with the RYB color 165, 176, 173.

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
165, 176, 173

Protanopia
173, 179, 163

Deuteranopia
193, 168, 167



Tritanopia
171, 173, 186

Trichromacy



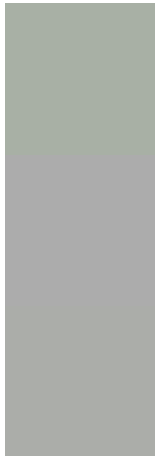
Original Color
165, 176, 173

Protanomaly
165, 175, 164

Deuteranomaly
184, 173, 166

Tritanomaly
170, 173, 178

Monochromacy



Original Color
165, 176, 173

Achromatopsia
172, 172, 172

Achromatomaly
169, 173, 171

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 176, 173 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(168, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(168, 176, 165)  
}
```

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(168, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 176, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 176, 173 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(168, 176, 165) }
```

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

```
.border{ border-color:rgb(168, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(168, 176,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 176, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 176, 165) }
```

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

```
.background{ background-color: rgb(168,  
176, 165) }
```

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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