

Converting Colors

`RYB(165, 179, 170)`

Have a look what the booklet for
RYB(165, 179, 170) contains.

RYB(165, 179, 170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(165, 179, 170)

Conversions

Conversions Part 1

Format	Color
Hex	AEB3A5
RGB	174, 179, 165
RGB Percent	68%, 70%, 65%
CMY	0.3176, 0.2980, 0.3529
CMYK	0.03, 0.00, 0.08, 0.30
HSL	81°, 8%, 67%
HSV	81°, 8%, 70%
XYZ	40.3672, 43.9555, 41.9540
YIQ	175.9090, 1.5140, -5.4140

Conversions

Conversions Part 2

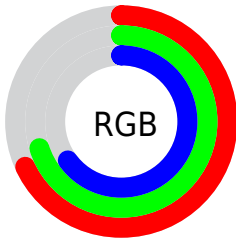
Format	Color
RYB	165, 179, 170
Decimal	11449253
CIELab	72.20, -4.33, 6.53
CIELCh	72, 7.836, 123.538
Yxy	43.9555, 0.3197, 0.3481
Android (android.graphics.Color)	4289639333 (0xFFFAEB3A5)
YUV	175.9090, -5.3781, -1.6742
Hunter-Lab	66.2989, -7.3405, 8.8905

Details

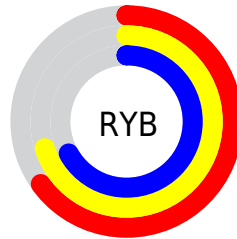
The RYB color **165, 179, 170** is a light color, and the websafe version is hex **999999**. A complement of this color would be **170, 165, 179**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **220, 235, 226**, and **113, 126, 117** is the 20% darker color. If you saturate the color by 10%, you get **147, 179, 158**, and if you desaturate by 10%, it is **180, 179, 183**.

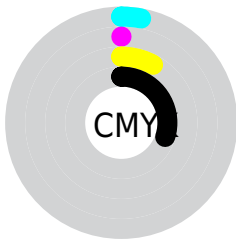
Distribution



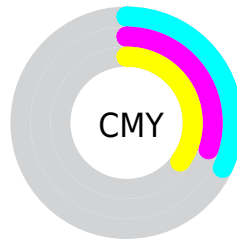
- Red (68%)
- Green (70%)
- Blue (65%)



- Red (65%)
- Yellow (70%)
- Blue (67%)



- Cyan (3%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)



- Cyan (32%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 179, 170 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, 179, 170 by changing the saturation by 10% instead.

■ 165, 179, 170

255, 255, 255

■ 220, 235, 226

■ 249, 255, 249

■ 165, 179, 170

■ 139, 152, 144

■ 113, 126, 117

■ 89, 101, 93

■ 65, 77, 69

■ 43, 55, 48

■ 23, 33, 27

■ 0, 11, 10


■ 0, 0, 0

■ 165, 179, 170


■ 165, 179, 170

 147, 179, 158


 180, 179, 183


 129, 179, 147


 187, 179, 201

 111, 179, 135


 193, 179, 219


 93, 179, 124

 200, 179, 237

 76, 179, 113


 206, 179, 255

 58, 179, 101


 212, 179, 255

 40, 179, 90

 219, 179, 255

 22, 179, 78

 225, 179, 255

 4, 179, 67

 232, 179, 255

Harmonies

Analogous

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



170, 182, 163



165, 179, 170



166, 178, 181

Triad

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



165, 179, 170



163, 173, 190



192, 172, 176

Complementary

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



165, 179, 170



170, 165, 179

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.



187, 173, 184



165, 179, 170



171, 176, 191

Square

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



165, 179, 170



160, 171, 185



180, 175, 189



193, 174, 169

Rectangle

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



165, 179, 170



162, 173, 181



180, 175, 189



191, 172, 179

Sweetspot

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



165, 179, 170



227, 232, 229



179, 173, 165



115, 117, 116



245, 245, 245



117, 117, 117

Same Dimension

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



165, 179, 170



211, 232, 218



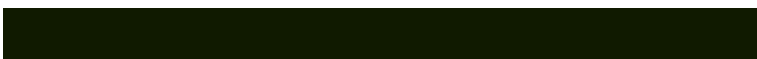
165, 179, 177



80, 89, 83



0, 153, 55



0, 26, 10

Inverse Universe

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



170, 165, 179



219, 211, 232



177, 165, 179



84, 80, 89



55, 0, 153



9, 0, 26

Previews

White Background



This preview shows how the RYB color 165, 179, 170 looks on a white background.

Color Contrast Check

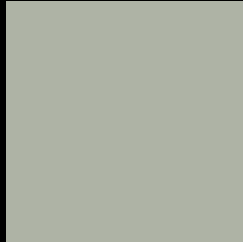
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 165, 179, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

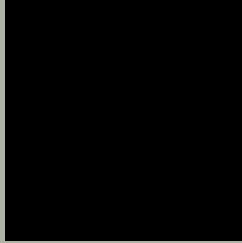
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

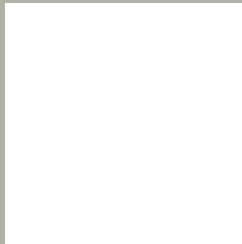
Any Text WCAG AAA ✓ Pass

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

RYB 165, 179, 170 Background



This preview shows how black text looks on a background with the RYB color 165, 179, 170.



This preview shows how white text looks on a background with the RYB color 165, 179, 170.

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, 179, 170

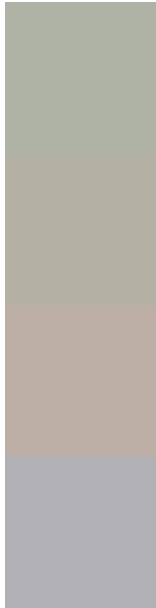
Protanopia
175, 183, 164

Deuteranopia
198, 172, 167



Tritanopia
178, 175, 189

Trichromacy



Original Color
165, 179, 170

Protanomaly
168, 180, 164

Deuteranomaly
189, 178, 166

Tritanomaly
177, 176, 180

Monochromacy



Original Color
165, 179, 170

Achromatopsia
176, 176, 176

Achromatomaly
172, 177, 174

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 179, 170 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, 179, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 179, 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(174, 179, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 179, 165) }
```

Border

The CSS property to change the border of an element to RYB 165, 179, 170 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, 179, 165) }
```

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

```
.border{ border-color:rgb(174, 179, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 179, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 179, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 179, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 179,  
165) }
```

Background

The CSS property to change the background color of an element to RYB 165, 179, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 179, 165) }
```

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

```
.background{ background-color: rgb(174,  
179, 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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