

Converting Colors

`RYB(164, 188, 193)`

Have a look what the booklet for
RYB(164, 188, 193) contains.

RYB(164, 188, 193)	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(164, 188, 193)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1AA
RGB	164, 193, 170
RGB Percent	64%, 76%, 67%
CMY	0.3569, 0.2431, 0.3332
CMYK	0.15, 0.00, 0.12, 0.24
HSL	132°, 19%, 70%
HSV	132°, 15%, 76%
XYZ	41.6394, 48.9363, 45.3019
YIQ	181.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

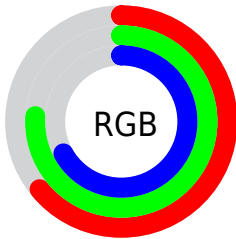
Format	Color
RYB	164, 188, 193
Decimal	10797482
CIELab	75.41, -14.27, 8.30
CIElCh	75, 16.508, 149.821
Yxy	48.9363, 0.3064, 0.3601
Android (android.graphics.Color)	4288987562 (0xFFA4C1AA)
YUV	181.7070, -5.7716, -15.5290
Hunter-Lab	69.9545, -16.1707, 10.5725

Details

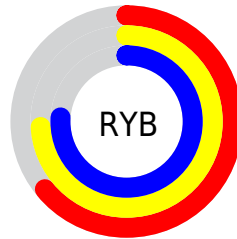
The RYB color **164, 188, 193** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **193, 164, 187**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **219, 245, 250**, and **112, 134, 139** is the 20% darker color. If you saturate the color by 10%, you get **145, 185, 193**, and if you desaturate by 10%, it is **183, 191, 193**.

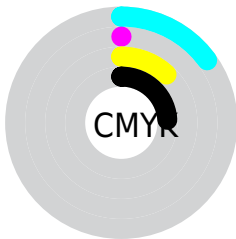
Distribution



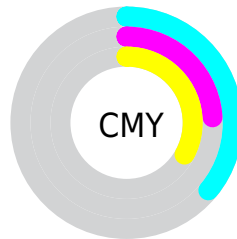
- Red (64%)
- Green (76%)
- Blue (67%)



- Red (64%)
- Yellow (74%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 188, 193 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 164, 188, 193 by changing the saturation by 10% instead.

 164, 188, 193

255, 255, 255


 219, 245, 250

 248, 252, 255


 164, 188, 193

 138, 161, 166

 112, 134, 139

 87, 109, 114


 64, 84, 89


 41, 61, 66

 19, 39, 44

 0, 24, 24


 0, 0, 0


 164, 188, 193


 164, 188, 193


 145, 185, 193


 183, 191, 193


 125, 181, 193


 203, 193, 201

 106, 178, 193


 222, 193, 216

 87, 175, 193


 241, 193, 231


 68, 171, 193

 255, 193, 246

 48, 168, 193

 255, 193, 255

 29, 165, 193

 10, 162, 193

 0, 160, 193

Harmonies

Analogous

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



159, 189, 167



164, 188, 193



151, 176, 195

Triad

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



164, 188, 193



169, 182, 216



218, 177, 171

Complementary

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



164, 188, 193



193, 164, 187

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.



216, 175, 186



164, 188, 193



189, 182, 212

Square

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



164, 188, 193



153, 176, 212



206, 177, 201



211, 193, 160

Rectangle

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



164, 188, 193



146, 171, 195



206, 177, 201



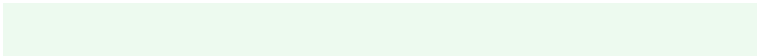
218, 176, 176

Sweetspot

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



164, 188, 193



237, 248, 250



164, 193, 170



117, 123, 125



252, 252, 252



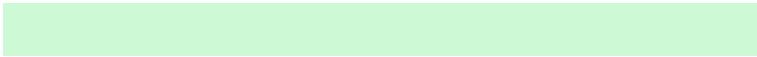
125, 125, 125

Same Dimension

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



164, 188, 193



205, 243, 250



164, 181, 193



87, 95, 97



0, 134, 161



0, 27, 33

Inverse Universe

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



193, 164, 187



250, 205, 241



193, 164, 173



97, 87, 95



161, 0, 127



33, 0, 26

Previews

White Background



This preview shows how the RYB color 164, 188, 193 looks on a white background.

Color Contrast Check

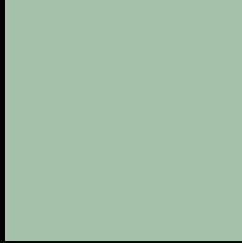
Large Text (above 18pt) WCAG AA × Fail

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 164, 188, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

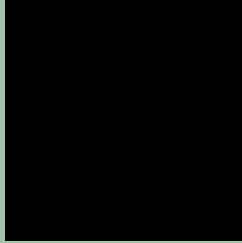
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

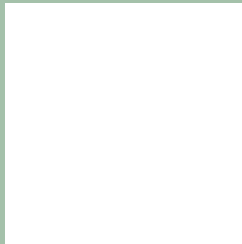
Any Text WCAG AAA ✓ Pass

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

RYB 164, 188, 193 Background



This preview shows how black text looks on a background with the RYB color 164, 188, 193.

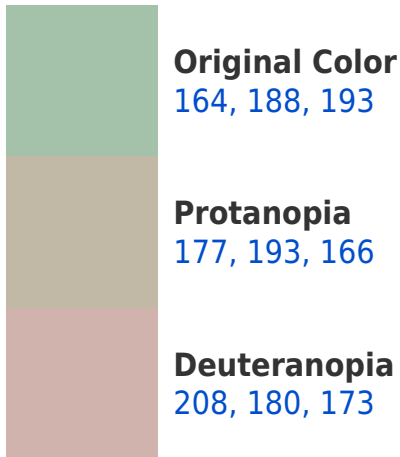


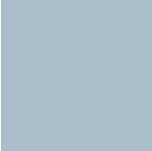
This preview shows how white text looks on a background with the RYB color 164, 188, 193.

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
170, 182, 203

Trichromacy



Original Color
164, 188, 193

Protanomaly
167, 188, 173

Deuteranomaly
185, 192, 172

Tritanomaly
168, 179, 191

Monochromacy



Original Color
164, 188, 193

Achromatopsia
182, 182, 182

Achromatomaly
175, 184, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 188, 193 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(164, 193, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 170)  
}
```

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(164, 193, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 170) }
```

Border

The CSS property to change the border of an element to RYB 164, 188, 193 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(164, 193, 170) }
```

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

```
.border{ border-color:rgb(164, 193, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 164, 188, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 170) }
```

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

```
.background{ background-color: rgb(164,  
193, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor