

Converting Colors

`RYB(165, 185, 198)`

Have a look what the booklet for RYB(165, 185, 198) contains.

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Color

R_YB(165, 185, 198)

Conversions

Conversions Part 1

Format	Color
Hex	A5C6BA
RGB	165, 198, 186
RGB Percent	65%, 78%, 73%
CMY	0.3529, 0.2235, 0.2688
CMYK	0.17, 0.00, 0.06, 0.22
HSL	159°, 22%, 71%
HSV	159°, 17%, 78%
XYZ	44.6220, 51.9518, 54.3815
YIQ	186.7650, -15.8160, -10.7280

Conversions

Conversions Part 2

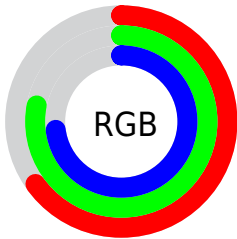
Format	Color
RYB	165, 185, 198
Decimal	10864314
CIELab	77.25, -13.34, 2.10
CIElCh	77, 13.509, 171.067
Yxy	51.9518, 0.2956, 0.3442
Android (android.graphics.Color)	4289054394 (0xFFA5C6BA)
YUV	186.7650, -0.3771, -19.0879
Hunter-Lab	72.0776, -15.6296, 5.7209

Details

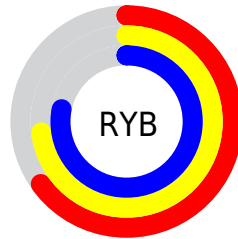
The RYB color **165, 185, 198** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **198, 165, 177**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **220, 241, 255**, and **113, 132, 144** is the 20% darker color. If you saturate the color by 10%, you get **145, 177, 198**, and if you desaturate by 10%, it is **185, 193, 198**.

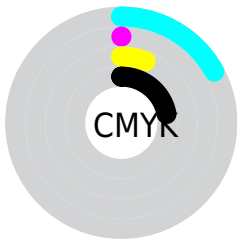
Distribution



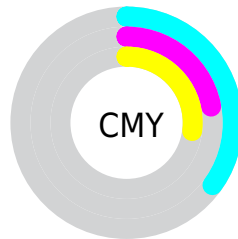
- Red (65%)
- Green (78%)
- Blue (73%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (35%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 165, 185, 198 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, 185, 198 by changing the saturation by 10% instead.


 165, 185, 198

255, 255, 255


 220, 241, 255

 249, 252, 255


 165, 185, 198

 138, 158, 171

 113, 132, 144

 88, 106, 118

 64, 82, 94

 41, 58, 70

 19, 35, 47

 0, 16, 27


 0, 0, 0

 165, 185, 198

 165, 185, 198

 145, 177, 198


 185, 193, 198

 125, 169, 198


 205, 198, 200


 106, 162, 198


 224, 198, 207

 86, 154, 198


 244, 198, 214

 66, 146, 198

 255, 198, 221

 46, 138, 198

 255, 198, 228


 26, 130, 198

 255, 198, 235

 7, 123, 198

 255, 198, 242

 0, 120, 198

 255, 198, 249

Harmonies

Analogous

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



175, 196, 194



165, 185, 198



159, 179, 199

Triad

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



165, 185, 198



189, 189, 214



214, 191, 172

Complementary

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



165, 185, 198



198, 165, 177

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.



218, 183, 182



165, 185, 198



204, 185, 207

Square

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



165, 185, 198



173, 187, 215



214, 183, 195



193, 205, 166

Rectangle

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



165, 185, 198



160, 181, 207



214, 183, 195



216, 187, 175

Sweetspot

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



165, 185, 198



242, 250, 255



165, 198, 186



120, 125, 128



0, 0, 0



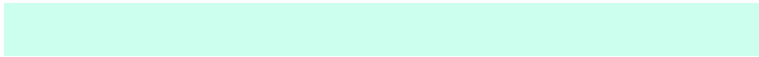
128, 128, 128

Same Dimension

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



165, 185, 198



204, 235, 255



165, 180, 198



90, 95, 99



0, 99, 163



0, 22, 36

Inverse Universe

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



198, 165, 177



255, 204, 222



198, 170, 165



99, 90, 93



163, 0, 57



36, 0, 12

Previews

White Background



This preview shows how the RYB color 165, 185, 198 looks on a white background.

Color Contrast Check

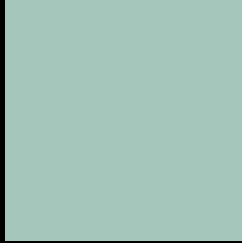
Large Text (above 18pt) WCAG AA × Fail

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, 185, 198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

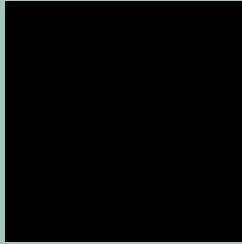
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

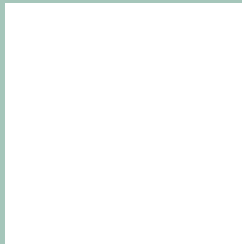
Any Text WCAG AAA ✓ Pass

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

RYB 165, 185, 198 Background



This preview shows how black text looks on a background with the RYB color 165, 185, 198.



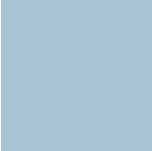
This preview shows how white text looks on a background with the RYB color 165, 185, 198.

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](#).

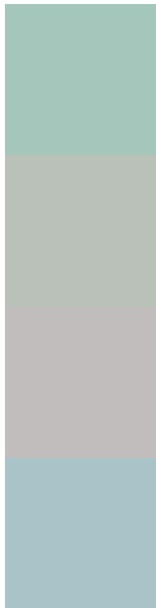
Dichromacy





Tritanopia
169, 185, 210

Trichromacy



Original Color
165, 185, 198

Protanomaly
184, 193, 192

Deuteranomaly
193, 189, 188

Tritanomaly
168, 183, 201

Monochromacy



Original Color
165, 185, 198

Achromatopsia
187, 187, 187

Achromatomaly
179, 186, 191

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 185, 198 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, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(165, 198, 186)  
}
```

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, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 198, 186) }
```

Border

The CSS property to change the border of an element to RYB 165, 185, 198 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, 198, 186) }
```

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

```
.border{ border-color:rgb(165, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(165, 198,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 165, 185, 198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 198, 186) }
```

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

```
.background{ background-color: rgb(165,  
198, 186) }
```

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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