Converting Colors

RGB(165, 199, 204)

Have a look what the booklet for RGB(165, 199, 204) contains.

Color

RGB(165, 199, 204)

Conversions

Conversions Part 1

Format	Color
Hex	A5C7CC
RGB	165, 199, 204
RGB Percent	65%, 78%, 80%
CMY	0.3529, 0.2196, 0.2000
CMYK	0.19, 0.02, 0.00, 0.20
HSL	188°, 28%, 72%
HSV	188°, 19%, 80%
XYZ	46.8396, 53.2058, 64.9278
YIQ	189.4040, -21.8690, -5.6530

Conversions

Conversions Part 2

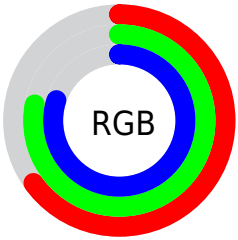
Format	Color
RYB	165, 183, 204
Decimal	10864588
CIELab	78.00, -10.22, -6.28
CIELCh	78, 11.993, 211.560
Yxy	53.2058, 0.2839, 0.3225
Android (android.graphics.Color)	4289054668 (0xFFA5C7CC)
YUV	189.4040, 7.1958, -21.4023
Hunter-Lab	72.9423, -13.0261, -1.7159

Details

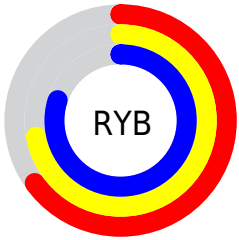
The RGB color 165, 199, 204 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 204, 170, 165, and the grayscale version is 189, 189, 189.

A 20% lighter version of the original color is 221, 255, 255, and 112, 145, 150 is the 20% darker color. If you saturate the color by 10%, you get 145, 196, 204, and if you desaturate by 10%, it is 185, 202, 204.

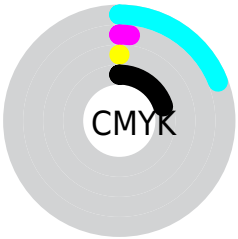
Distribution



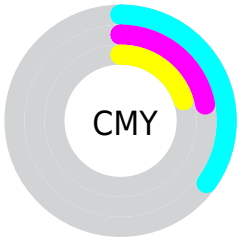
- Red (65%)
- Green (78%)
- Blue (80%)



- Red (65%)
- Yellow (72%)
- Blue (80%)



- Cyan (19%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (35%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 165, 199, 204 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 RGB color 165, 199, 204 by changing the saturation by 10% instead.

165, 199, 204	165, 199, 204
255, 255, 255	138, 172, 177
221, 255, 255	112, 145, 150
249, 255, 255	87, 119, 124
	63, 95, 99
	40, 71, 75
	16, 48, 53
	0, 28, 32
	0, 0, 7
	0, 0, 0

165, 199, 204	165, 199, 204
145, 196, 204	185, 202, 204
124, 194, 204	206, 204, 204
104, 191, 204	226, 207, 204
83, 189, 204	247, 209, 204
63, 186, 204	255, 212, 204
43, 183, 204	255, 215, 204
22, 181, 204	255, 217, 204
2, 178, 204	255, 220, 204
0, 178, 204	255, 223, 204

Harmonies

Analogous

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

168, 200, 193

165, 199, 204

170, 197, 212

Triad

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

165, 199, 204

208, 187, 204

202, 192, 171

Complementary

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

165, 199, 204

204, 170, 165

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.

212, 189, 174

165, 199, 204

216, 185, 193

Square

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

165, 199, 204

196, 190, 212

217, 186, 182

189, 196, 174

Rectangle

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

165, 199, 204

178, 195, 215

217, 186, 182

205, 191, 171

Sweetspot

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

165, 199, 204

240, 253, 255

165, 204, 170

119, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

165, 199, 204

196, 247, 255

165, 180, 204

92, 101, 102

0, 144, 166

0, 33, 38

Inverse Universe

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

204, 165, 199

255, 196, 247

204, 189, 165

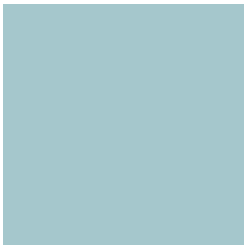
102, 92, 101

166, 0, 144

38, 0, 33

Previews

White Background

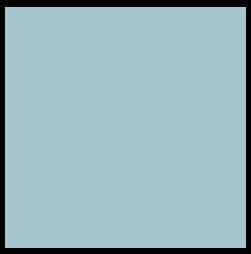


This preview shows how the RGB color 165, 199, 204 looks on a white background.

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



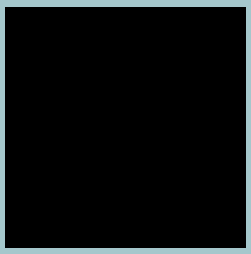
This preview shows how the RGB color 165, 199, 204 looks on a black background.

Color Contrast Check

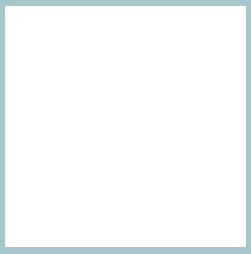
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 165, 199, 204 Background



This preview shows how black text looks on a background with the RGB color 165, 199, 204.

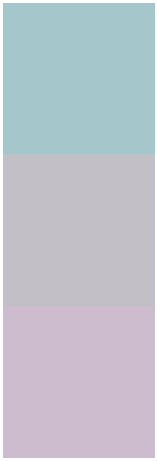


This preview shows how white text looks on a background with the RGB color 165, 199, 204.

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



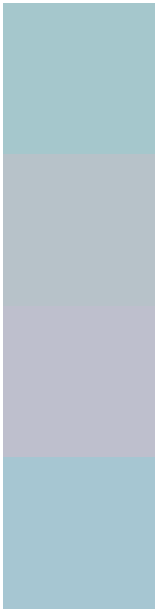
Original Color
165, 199, 204

Protanopia
194, 191, 199

Deuteranopia
205, 187, 206

Tritanopia
167, 198, 213

Trichromacy



Original Color
165, 199, 204

Protanomaly
183, 194, 201

Deuteranomaly
190, 191, 205

Tritanomaly
166, 198, 210

Monochromacy

Original Color
165, 199, 204

Achromatopsia
189, 189, 189

Achromatomaly
180, 193, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 165, 199, 204 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, 199, 204) looks like.

```
.text, #text, p{
    color:rgb(165, 199, 204)
}
```

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, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 199, 204) }
```

Border

The CSS property to change the border of an element to RGB 165, 199, 204 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, 199, 204) }
```

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

```
.border{ border-color:rgb(165, 199, 204) }
```

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

Here you see how a box with a 4 pixel rgb(165, 199, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 199, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 199, 204); box-shadow:4px 4px 4px 4px rgb(165, 199, 204) }
```

Background

The CSS property to change the background color of an element to RGB 165, 199, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(165, 199, 204) }
```

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

```
.background{ background-color:rgb(165,
199, 204) }
```

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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