

Converting Colors

`RYB(182, 199, 209)`

Have a look what the booklet for RYB(182, 199, 209) contains.

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Color

R_YB(182, 199, 209)

Conversions

Conversions Part 1

Format	Color
Hex	B6D1C6
RGB	182, 209, 198
RGB Percent	71%, 82%, 78%
CMY	0.2863, 0.1804, 0.2240
CMYK	0.13, 0.00, 0.05, 0.18
HSL	155°, 23%, 77%
HSV	155°, 13%, 82%
XYZ	52.2713, 59.6178, 62.1074
YIQ	199.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

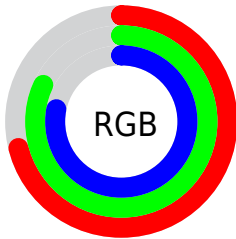
Format	Color
R _{YB}	182, 199, 209
Decimal	11981254
CIE Lab	81.63, -11.17, 2.46
CIE LCh	82, 11.438, 167.573
Yxy	59.6178, 0.3004, 0.3426
Android (android.graphics.Color)	4290171334 (0xFFB6D1C6)
YUV	199.6730, -0.8248, -15.4992
Hunter-Lab	77.2126, -14.2811, 6.3578

Details

The RYB color **182, 199, 209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **209, 182, 193**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **238, 247, 255**, and **129, 145, 155** is the 20% darker color. If you saturate the color by 10%, you get **161, 191, 209**, and if you desaturate by 10%, it is **203, 207, 209**.

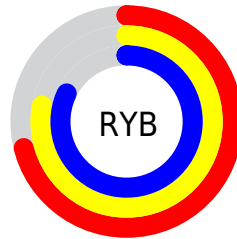
Distribution



Red (71%)

Green (82%)

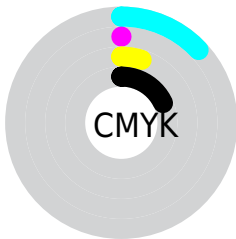
Blue (78%)



Red (71%)

Yellow (78%)

Blue (82%)

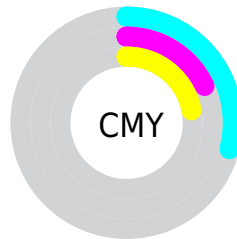


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (29%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the RYB color 182, 199, 209 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 182, 199, 209 by changing the saturation by 10% instead.

 182, 199, 209

255, 255, 255

 238, 247, 255

 182, 199, 209

 155, 171, 181

 129, 145, 155


 104, 120, 129

 79, 94, 103

 56, 70, 79

 34, 47, 56


 13, 26, 35

 0, 11, 11


 0, 0, 0

 182, 199, 209

 182, 199, 209

 161, 191, 209


 203, 207, 209

 140, 183, 209

 224, 209, 215

 119, 176, 209


 245, 209, 224

 98, 168, 209


 255, 209, 232

 78, 161, 209


 255, 209, 241

 57, 153, 209

 255, 209, 250

 36, 145, 209

 255, 209, 255

 15, 137, 209

 0, 132, 209

Harmonies

Analogous

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



188, 207, 202



182, 199, 209



176, 193, 209

Triad

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



182, 199, 209



200, 202, 223



224, 203, 187

Complementary

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



182, 199, 209



209, 182, 193

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.



226, 196, 197



182, 199, 209



213, 198, 217

Square

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



182, 199, 209



187, 199, 223



222, 196, 208



209, 216, 182

Rectangle

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



182, 199, 209



177, 194, 215



222, 196, 208



225, 199, 190

Sweetspot

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



182, 199, 209



245, 251, 255



182, 209, 198



121, 125, 128



0, 0, 0



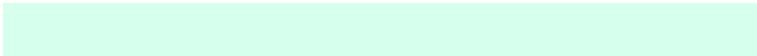
128, 128, 128

Same Dimension

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



182, 199, 209



214, 240, 255



182, 195, 209



94, 101, 105



0, 106, 168



0, 26, 41

Inverse Universe

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



209, 182, 193



255, 214, 231



209, 184, 182



105, 94, 98



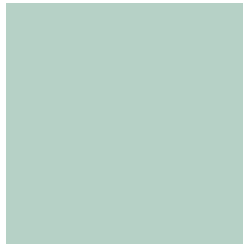
168, 0, 69



41, 0, 17

Previews

White Background



This preview shows how the RYB color 182, 199, 209 looks on a white background.

Color Contrast Check

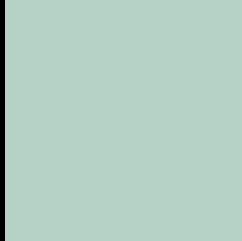
Large Text (above 18pt) WCAG AA × Fail

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 182, 199, 209 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

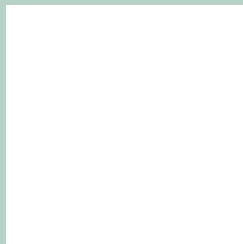
Any Text WCAG AAA ✓ Pass

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

R/Y/B 182, 199, 209 Background



This preview shows how black text looks on a background with the R/Y/B color 182, 199, 209.

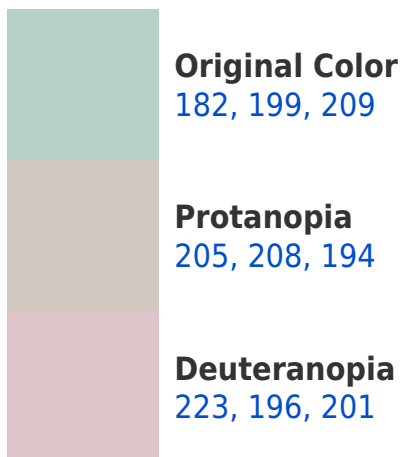



This preview shows how white text looks on a background with the R/Y/B color 182, 199, 209.

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](#).

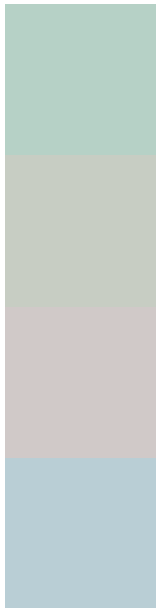
Dichromacy





Tritanopia
186, 198, 222

Trichromacy



Original Color

182, 199, 209

Protanomaly

195, 205, 201

Deuteranomaly

208, 201, 200

Tritanomaly

185, 197, 213

Monochromacy



Original Color

182, 199, 209

Achromatopsia

200, 200, 200

Achromatomaly

193, 199, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 199, 209 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(182, 209, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 209, 198)  
}
```

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(182, 209, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 209, 198) }
```

Border

The CSS property to change the border of an element to RYB 182, 199, 209 is called "border". The border property can be set on classes, ids or directly on the HTML element.

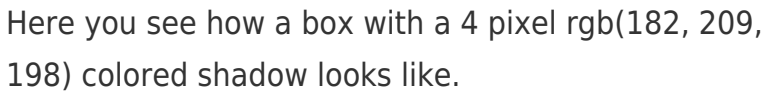
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 209, 198) }
```

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

```
.border{ border-color:rgb(182, 209, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 209, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 209, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 209, 198); box-shadow:4px 4px 4px 4px rgb(182, 209, 198) }
```

Background

The CSS property to change the background color of an element to RYB 182, 199, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 209, 198) }
```

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

```
.background{ background-color: rgb(182,  
209, 198) }
```

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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